Valor
THE ORIGINAL RADIANT GAS FIREPLACE™

# VENTANA

## Direct Vent ZC Fireplace
## 1200EAN (NG) & 1200EAP (LPG)
### Installation & Owner's Manual

# ⚠ DANGER

**HOT GLASS** WILL CAUSE BURNS.

**DO NOT TOUCH** GLASS UNTIL COOLED.

**NEVER** ALLOW CHILDREN TO TOUCH GLASS.

**A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.**

**INSTALLER**
**Leave this manual with the appliance.**

**CONSUMER**
**Retain this manual for future reference.**

**⚠ WARNING**
**FIRE OR EXPLOSION HAZARD**
**Failure to follow safety warnings exactly could result in serious injury, death, or property damage.**

— Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
— WHAT TO DO IF YOU SMELL GAS
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Leave the building immediately.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

— Installation and service must be performed by a qualified installer, service agency or the gas supplier.

**Please read this manual BEFORE installing and operating this appliance.**

**This appliance may be installed in an after-market permanently located, manufactured (mobile) home where not prohibited by local codes.**

**This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.**

**This appliance is a domestic room-heating appliance. It must not be used for any other purposes such as drying clothes, etc.**

**This appliance is suitable for installation in a bedroom or bed sitting room.**

**Massachusetts: The piping and final gas connection must be performed by a licensed plumber or gas fitter in the State of Massachusetts. Also, see Carbon Monoxide Detector requirements on page 17.**

Ce guide est disponible en français sur demande.

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MILES INDUSTRIES

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The information contained in this installation manual is believed to be correct at the time of printing. Miles Industries Ltd. reserves the right to change or modify any information or specifications without notice. Miles Industries Ltd. grants no warranty, implied or stated, for the installation or maintenance of your heater, and assumes no responsibility for any consequential damage(s).

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

## FOR THE QUALIFIED INSTALLER


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**Warranty Card at the back of this manual.**

VALOR WARRANTY PROGRAM COMFORT


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# Safety Precautions

**READ** and **UNDERSTAND** all instructions carefully before starting the installation. **FAILURE TO FOLLOW** these installation instructions may result in possible fire hazard and will void the warranty.

Prior to the first firing of the fireplace, **READ** the Owner's Information section of this manual.

**DO NOT USE** this appliance if any part has been under water. Immediately, **CALL** a qualified service technician to inspect the unit and to replace any part of the control system and any gas control that has been under water.

**THIS UNIT IS NOT FOR USE WITH SOLID FUEL.**

Installation and repair should be **PERFORMED** by a qualified service person. The appliance and venting system should be **INSPECTED** before initial use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding, etc. It is **IMPERATIVE** that the unit's control compartment, burner, and circulating air passageways **BE KEPT CLEAN** to provide for adequate combustion and ventilation air.

Always **KEEP** the appliance clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

**NEVER OBSTRUCT** the flow of combustion and ventilation air. Keep the front of the appliance **CLEAR** of all obstacles and materials for servicing and proper operation.

This unit **MUST** be used with a vent system as described in this installation manual. **NO OTHER** vent system or components **MAY BE USED**.

This gas fireplace and vent assembly **MUST** be vented directly to the outside and **MUST NEVER** be attached to a chimney serving a separate solid fuel burning appliance. Each gas appliance **MUST USE** a separate vent system. Common vent systems are **PROHIBITED**.

**INSPECT** the external vent cap on a regular basis to make sure that no debris, plants, trees, shrubs are interfering with the air flow.

**TURN OFF** the gas before servicing this appliance. It is recommended that a qualified service technician perform an appliance check-up at the beginning of each heating season.

**DO NOT** use this heater as a temporary source of heat during construction.

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**State of California. Proposition 65 Warning.** Fuels used in gas, wood-burning or oil fired appliances, and the products of combustion of such fuels, contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. California Health & Safety Code Sec. 25249.6.

Due to the high temperature, the appliance should be **LOCATED** out of traffic areas and away from furniture and draperies.

Clothing or flammable material **SHOULD NOT BE PLACED** on or near the appliance.

This appliance is a **DOMESTIC ROOM-HEATING APPLIANCE**. It must not be used for any other purposes such as drying clothes, etc.

**DO NOT** place furniture or any other combustible household objects within 36" of the fireplace front.

**BE CAREFUL** not to put any decorating objects sensitive to heat to close above or around the fireplace as it gets very hot when operating.

The glass door assembly **MUST** be in place and sealed before the unit can be placed into safe operation.

**DO NOT OPERATE** this appliance with the glass door removed, cracked, or broken. Replacement of the glass door should be performed by a licensed or qualified service person. **DO NOT** strike or slam the glass door.

The glass door assembly **SHALL ONLY** be replaced as a complete unit, as supplied by the fireplace manufacturer. **NO SUBSTITUTE** material may be used.

**DO NOT USE** abrasive cleaners on the glass door assembly. **DO NOT ATTEMPT** to clean the glass door when it is hot.

A **BARRIER DESIGNED TO REDUCE THE RISK OF BURNS** from the hot viewing glass is provided with this appliance and **SHALL BE INSTALLED** for the **PROTECTION OF CHILDREN** and other **AT-RISK INDIVIDUALS**.

If the barrier becomes damaged, the barrier **SHALL BE REPLACED** with the **MANUFACTURER'S BARRIER** for this appliance.

Any safety screen, guard or barrier removed for servicing the appliance, **MUST BE REPLACED** prior to operating the appliance.

Children and adults should be **ALERTED** to the hazards of high surface temperature and should **STAY AWAY** to avoid burns or clothing ignition.

**YOUNG CHILDREN** should be **CAREFULLY SUPERVISED** when they are in the same room as the appliance. Toddlers, young children and others may be susceptible to **ACCIDENTAL CONTACT BURNS**. A physical barrier is recommended if there are at-risk individuals in the house. To restrict access to a fireplace or stove, **INSTALL AN ADJUSTABLE SAFETY GATE** to keep toddlers, young children and other at-risk individuals out of the room and away from hot surfaces.

# Safety and Your Fireplace

**Please Read and Carefully Follow all Safety Warnings and Operating Instructions Contained in Your Owner's Manual**

(Replacement Manuals are available by contacting our service department at 1-800-468-2567 or visit www.valorfireplaces.com).

**Please Follow These Important Child Safety Precautions and Recommendations,**

- Parts of your Valor Fireplace become **extremely hot** while in operation.
- The glass viewing **window temperature can exceed 500 F** at full capacity. Momentary contact with a hot glass surface can **cause a severe burn**, even if the fireplace is operating at reduced heating capacity.

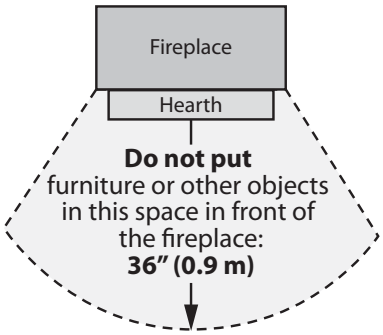
- **The glass window will remain hot** for an extended period of time after the fireplace has been turned off. Ensure that children are prevented from touching the fireplace during the cool down period.
- **Toddlers and Young Children must be closely supervised at all times** when they are in the same room as the operating fireplace. They lack full awareness of danger and rely on your protection. Toddlers, in particular, do not have the motor skills and response reflexes to withdraw in the event of accidental contact with a hot surface.
- **A physical barrier is strongly recommended** if there are young children, or at-risk individuals in the house. Install an approved after-market safety gate to keep toddlers, young children and other at-risk individuals a safe distance from the fireplace.
- **Keep the remote control handset out of reach of children at all times**. A wall mount storage holster is provided with your remote control handset.
- **Ensure that the fireplace, including the pilot light, is completely turned off** when children are present and close supervision and safety barriers are not available—see pages 9–10 of *Owner's Information* section.
- If the fireplace is not going to be used for the summer or any extended period of time, **remove the batteries from the remote control handset and receiver**. It is recommended that batteries are replaced annually in any event—see page 8.

## ⚠ WARNING

### EXTREMELY HOT!!!

- **READ the SAFETY information on pages 3 and 4 of this manual BEFORE operating your gas heater.**
- Some parts of your fireplace are **EXTREMELY HOT**, particularly the **GLASS** window.
- **DO NOT LET CHILDREN** touch the glass or any parts of your fireplace **even after it is turned off** as it is still hot.
- **USE THE BARRIER SCREEN provided with the trim or a GATE** to reduce the risk of severe burns.
- Keep the remote control handset **OUT OF REACH** of children.
- **HOT WALL SURFACES!** The wall directly above the fireplace is **VERY HOT** when the fireplace heats. It is constructed of non-combustible materials and although safe, it may reach temperatures **in excess of 200º F** depending on choice of trims. **DO NOT TOUCH IT!**
- **HOT HEARTH/FLOOR SURFACE!** The hearth or floor directly in front of the fireplace is **VERY HOT** when the fireplace heats. Even if constructed of non-combustible materials, and although safe, it may reach temperatures **in excess of 200º F** depending on choice of materials. **DO NOT STEP ON IT!**
- Some materials or items, although safe, may discolor, shrink, warp, crack, peel, and so on because of the heat produced by the fireplace. **AVOID PLACING** candles, paintings, photos, and other items **SENSITIVE TO HEAT** within 36 inches (0.9 m) around the fireplace.
- Solid wood flooring in front of the fireplace (if allowed) may shrink during the heating season due to heat.

**Performance of LPG appliances may be affected by the quality of commercial gas supplied in your area.**




## Thank You ...

For purchasing a Valor by Miles Industries. Your new radiant gas heater is a technical appliance that must be installed by a qualified dealer. Each Valor fireplace is fully tested during the production process for your safety and comfort.

Your unit has been professionally installed by:

Dealer Name: _____

Phone Number :_____

**Should you encounter an operational problem, call your dealer immediately.**

**Do not try to repair the unit as you may cause an injury or damage the fireplace.**

**This manual and particularly the preceeding and following pages contain very important information regarding the safe operation of your fireplace as well as maintenance instructions.**

**Read carefully BEFORE operating your fireplace and pay special attention to the SAFETY WARNINGS.**

A heating gas appliance does require safe handling and for this reason, we very strongly recommend that no children be allowed to touch the fireplace and its controls at all times. **Do install a screen or barrier in front of the fireplace to protect your children against severe burns.**

## Operating Your Fireplace for the First Time

When operating your new fireplace for the first time, some vapors may be released due to the burning of curing compounds used in the manufacture of the appliance. They may cause a slight odor and could cause the flames to be the full height of the firebox, or even slightly higher, for the first few hours of operation.

It is also possible that these vapors could set off any smoke detection alarms in the immediate vicinity. These vapors are quite normal on new appliances. We recommend opening a window to vent the room. After a few hours use, the vapors will have disappeared and the flames will be at their normal height.

## Flame Supervision Device

For your safety, this appliance is fitted with a flame supervision device which will shut-off the gas supply if, for any reason, the pilot flame goes out. This device incorporates a fixed probe, which senses the heat from the pilot flame. If the probe is cool, the device will prevent any gas flow unless manually lighting the pilot. See full lighting instructions on page 16 of this manual.

## Cleaning Your Fireplace

**⚠ WARNING**

**DO NOT TOUCH THE GLASS WHILE IT IS HOT!**
Let the fireplace cool first before cleaning it.

**Important - Glass cleaning - Mineral deposits**

One of the by-products of the combustion process in a gas appliance is a mineral which can show up as a white film on the ceramic glass of the viewing door.

The composition of the deposit varies widely from various locations and also from time to time in the same location. It seems this is associated with the varying sulfur content of the gas. You may have the problem for a time and then not see it for many months when it will reappear in your area.

We have discussed this problem with ceramic glass manufacturers and they cannot give us a definitive answer to this problem. Dealers have tried various cleaning products with varying results. The following recommendations will not guarantee results in your particular case.

**NOTE: This is a problem beyond Miles Industries' control and is not covered under warranty.**

- Clean the glass regularly as soon as you notice the buildup (white film). If the film is left for a longer period of time, it will bake on. It is then much harder, if not impossible, to remove.
- NEVER use an abrasive cleaner on the ceramic glass. Any abrasion of the surface has the immediate effect of compromising the strength of the glass. An emulsion type cleaner is recommended.
- Use a soft damp cloth to apply the cleaner. Dry the glass with a soft, dry, preferably cotton cloth. Most paper towels and synthetic materials are abrasive to ceramic glass and should be avoided.
- Our dealers have had good results from the products listed below. We cannot, however, guarantee the results of these products.
  - Brasso, Polish Plus by Kelkem, Cook Top Clean Creme by Elco, White Off by Rutland, Turtle Wax

***Do not clean the glass while it is hot!***

Always securely replace the window and the barrier screen before lighting.

**If broken, the glass pane may only be replaced as a complete window unit as supplied by the manufacturer.**

**If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.**

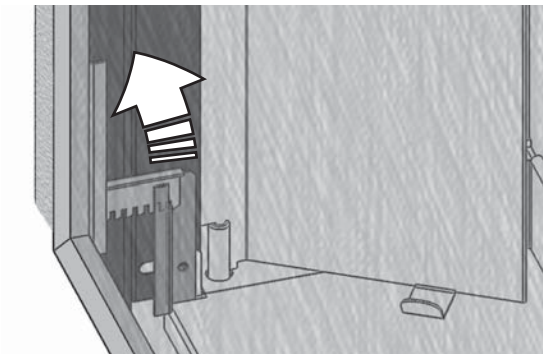
To have a access to the window for cleaning, you must first remove the barrier screen.

**⚠ WARNING**

**DO NOT TOUCH THE BARRIER SCREEN OR FIREPLACE WHILE THEY ARE HOT!** Let the fireplace cool first before cleaning it.

**To clean the barrier screen:**

1. Push the screen upwards so that the lower serrated tabs unhook from their brackets.

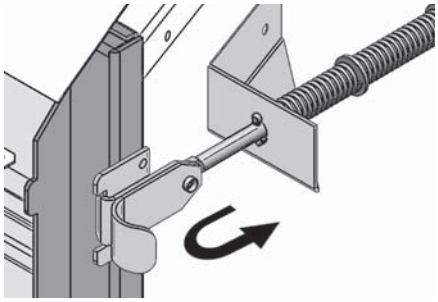


2. Unhook the top serrated tabs.
3. Clean the screen with a soft brush.

**To clean the window and inside the firebox:**

1. Find the levers on each side of the window towards the top. Using your finger, pull the lever towards you and unhook it from the window frame bracket.

Spring Loaded Window Levers



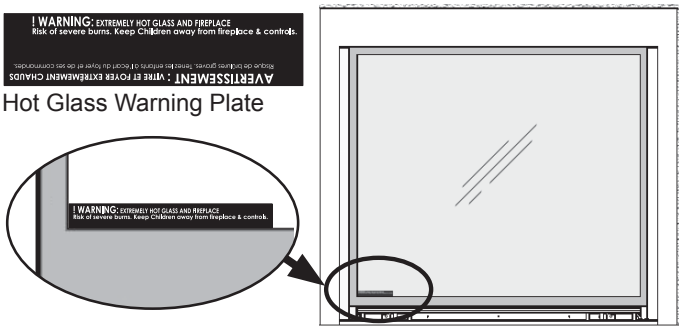
2. Gently pull the top of the window outward.
3. Lift the window out of its bottom railing and set it aside in a safe place to avoid damage.
4. Clean the window using the guidelines in this section.
5. Dust the inside of the firebox including the ceramic logs and walls with a soft brush. **When cleaning, make sure that no particles are brushed into the slots of the burner.**

**To refit the window:**

1. Place it in its bottom railing and push its top against the firebox.
2. While you hold it, pull the side levers back into the window brackets on each side.
3. Pull out the top of the window and release it to insure the springs return it.

**IMPORTANT:** To ensure a safe operation, ensure that the spring-loaded mechanism functions properly.

4. Apply light hand pressure against the window frame sides to bed-in the window seal.
5. **If the Hot Glass Warning plate has been removed from the front lower corner of the window, reinstall it by sliding it between the glass and the frame as indicated.**

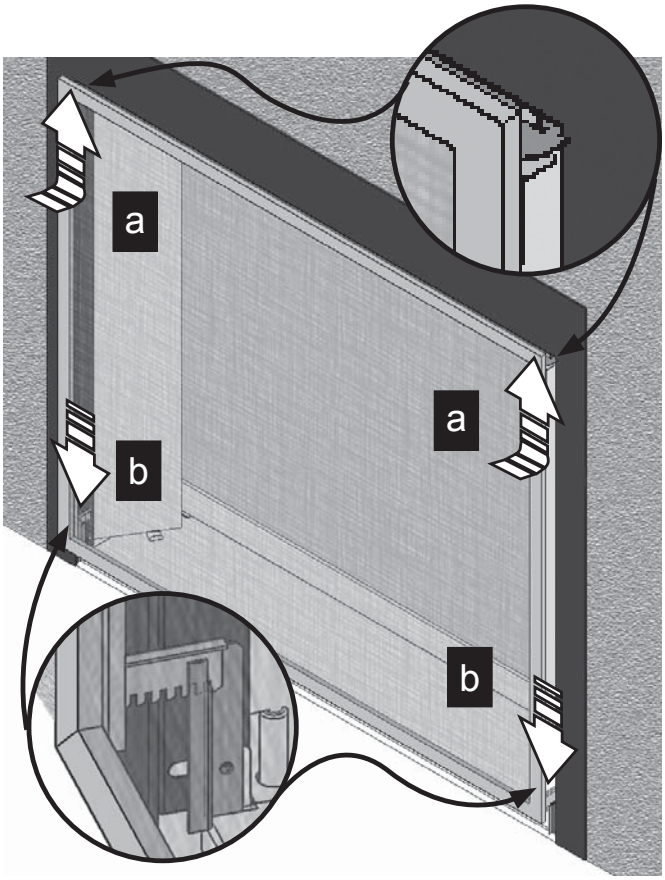

! WARNING: EXTREMELY HOT GLASS AND FIREPLACE
Risk of severe burns. Keep Children away from fireplace & controls.
AVERTISSEMENT : VITRE ET FOYER EXTRÊMEMENT CHAUDS
! WARNING: EXTREMELY HOT GLASS AND FIREPLACE
Risk of severe burns. Keep Children away from fireplace & controls.
Hot Glass Warning Plate

**To reinstall the barrier screen:**

**WARNING**

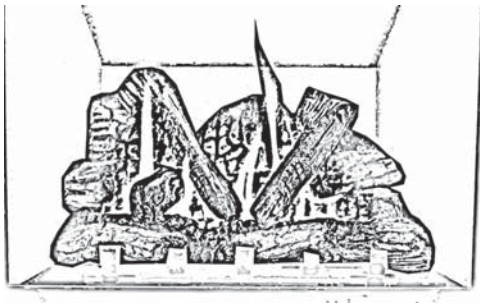
**FOR SAFETY PURPOSE, ensure the barrier screen is re-installed on the fireplace front after maintenance.**

1. Hook the top tabs in the slots of the convection baffle (a).
2. Push the screen up and hook the bottom serrated tabs to the brackets at the bottom of the fireplace opening (b).



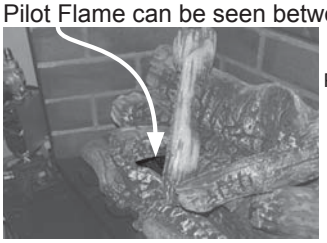
## Checking Pilot and Burner Flames

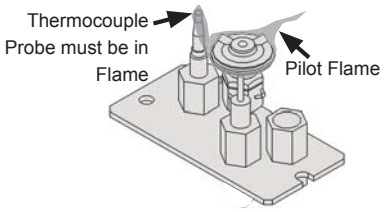
A periodic check of the pilot and burner flames should be made. Check after the fire has been on for at least 30 minutes. The pilot flame must cover the tip of the thermocouple probe. The main burner flame pattern will vary from appliance to appliance depending on the type of installation and climatic conditions.



**Correct Flame Picture**

Pilot Flame can be seen between logs



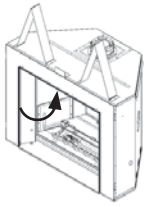



The appliance area must always be kept clear and free from combustible materials, gasoline and other flammable vapors and liquids.

Inspect the vent terminal outdoors regularly to make sure that snow, trees, bushes, leaves, or other objects do not obstruct it.

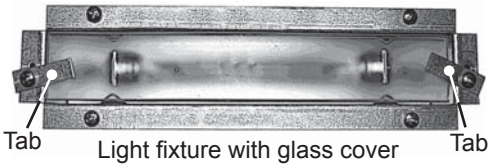
Examine the vent system and terminal regularly. We recommend annually.

## Replacing Light Bulb



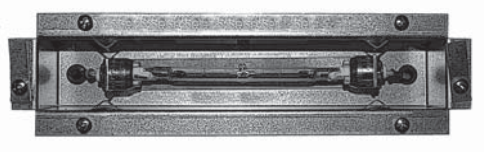
The appliance is equipped with a decorative light inside the firebox located in front of the window. To replace the light bulb, follow these steps:

1. Turn off the decorative light wall switch.
2. Locate the light fixture. Loosen the screws of the glass cover retaining tabs.




Light fixture with glass cover

3. While holding the glass cover so it does not fall and shatter, swivel one or both of its retaining tabs to free the glass. Gently remove the glass cover.



Light fixture without glass cover

4. Remove the light bulb from its socket by pushing towards one end.
5. With a gloved hand, replace with a new light bulb using only a **100 watts halogen 130 volts (type J T3, 119 mm long)**.

100W Halogen Light Bulb (119mm)

6. Test the bulb by turning the wall switch on. Turn the switch off again to complete the operation. NOTE: If the bulb is new and not functioning, turn off the dimmer switch and call your local electrician for inspection.
7. Put the glass cover back in place and, while holding it, turn the retaining tab(s) to retain the glass.
8. Tighten the tabs' screws.

## Using Handset Wall Holder

Your fireplace equipment includes a wall holder to store the handset. If it hasn't be installed, refer to the instructions further on in this manual for the installation.

## Replacing Batteries

**⚠ WARNING**

**DO NOT ATTEMPT TO CHANGE THE BATTERIES WHILE THE FIREPLACE IS STILL HOT!** Let the fireplace cool first before touching it.

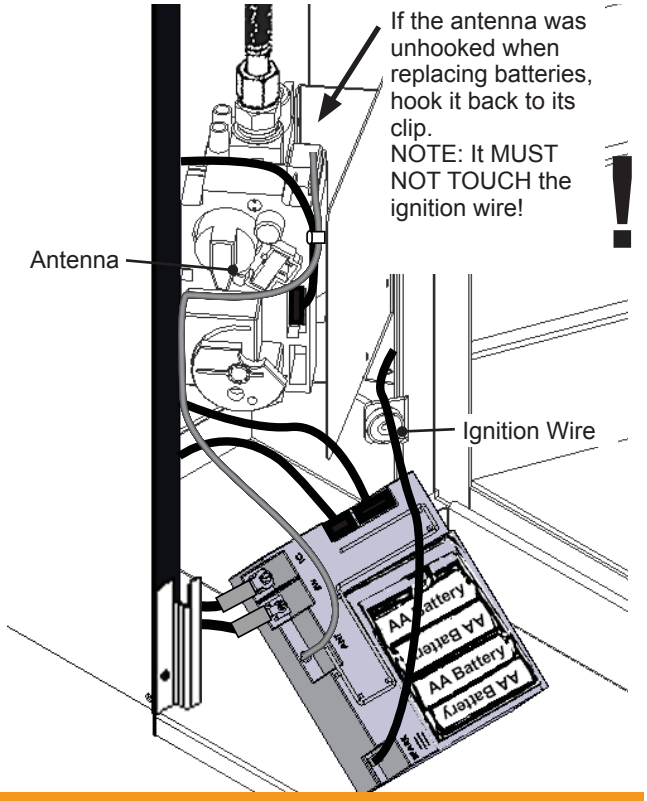
**CAUTION**

**DO NOT USE** a screwdriver or other metallic object to remove the batteries from the receiver or the handset! This could cause a short circuit to the receiver.

**Low battery signal: see page 15.**

**BEFORE changing the batteries, turn off the valve using the manual On/Off switch—**see instructions next page.

The appliance uses four 1.5 V AA **alkaline** batteries for its remote control receiver and one 9 V **alkaline** battery for its handset. Batteries should last one to two seasons, depending on usage. Removing the batteries in the off-season will extend the battery life. Should the batteries lose power, the control may be operated by manually turning the control knob at the valve or by turning off the valve at the switch.


If the antenna was unhooked when replacing batteries, hook it back to its clip.
NOTE: It MUST NOT TOUCH the ignition wire!
Antenna
Ignition Wire
AA Battery
AA Battery
AA Battery
AA Battery

**CAUTION**

To avoid short-circuit to the receiver, position the ***antenna*** so that it ***DOES NOT TOUCH the ignition wire.***

**To replace the batteries in the remote control receiver**:

1. Open the side panel to the left of the window.
2. The receiver is located under the valve and it is retained to its platform by a *Velcro* tab. Grab the receiver and pull it out from it's platform.
3. Slide and remove the receiver cover.
4. Replace the batteries with 4 AA **alkaline** batteries.
5. Replace the cover.
6. Put the receiver back on its platform pushing it in so it attaches to the *Velcro* tab. If it was unhooked, replace the antenna in its clip.
   ***IMPORTANT: The antenna MUST NOT TOUCH the ignition wire to avoid a short-circuit.***

## Locating Lighting, Operation and Rating

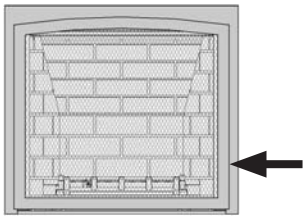
**WARNING**

**DO NOT ATTEMPT TO TOUCH THE DATA PLATE WHILE THE FIREPLACE IS STILL HOT!** Let the fireplace cool first before touching it.

### Information Plate

The Lighting, Operation and Rating information is located on a plate at the right hand side of the firebox behind the side door.

To access the plate, open the right hand side door and grab the plate and slide it out to read it. There is important information on both sides of the plate.



The data plate is located on the right of the firebox behind the side door.

### Servicing Your Fireplace

If any attention is required for your appliance, contact your supplier quoting the model number. It will be helpful if the appliance serial number can also be quoted. This number is on the rating plate, which is located on the right hand side of the firebox behind the side door. Open the side door and slide the plate out. The replacement parts are shown at the end of this manual. Please always quote the part number and description when requesting spare parts.

## Operating Your Fireplace

There are three ways to control your fireplace.

1. Thermostatic Remote Control;
2. Wall Switch;
3. Manual On/Off Switch.

The manual On/Off switch must be ON for the fireplace to function. It can be used to shut off the fireplace in case of emergency—see next section.

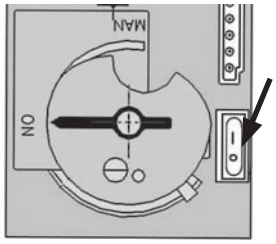
The Thermostatic Remote Control can be programmed to function automatically—see pages 11–15.

The Wall Switch (optional) can be used to turn on, off and to increase or decrease the flame height—see 1265WSK—Wall Switch Kit.

**NOTE:** The remote control in the AUTO mode will override the wall switch.

Thermostatic Remote Control

Wall Switch (optional)



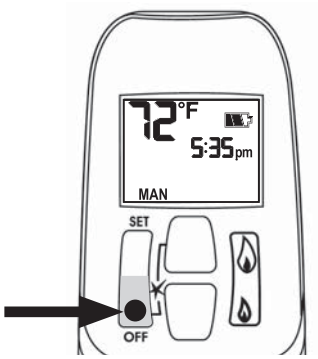

Manual On/Off Switch

## How to Turn Your Fireplace OFF (including pilot)

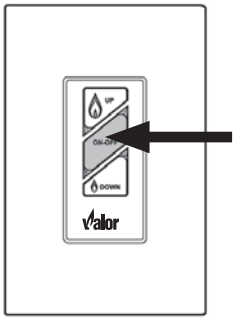
Familiarize yourself with each of these methods before operating your fireplace.

Press and hold the OFF button for a second (either on the handset or the wall switch).

If the flames are on, they go down and you hear the valve motor wind down. You hear a clunk and a beep indicating that the valve has received the signal from the remote control.




Remote control handset



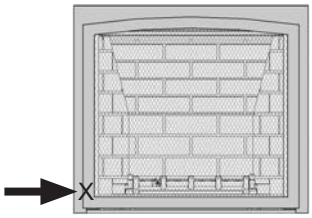
Wall Switch

## How to Ensure Your Fireplace Cannot Be Turned ON Inadvertently

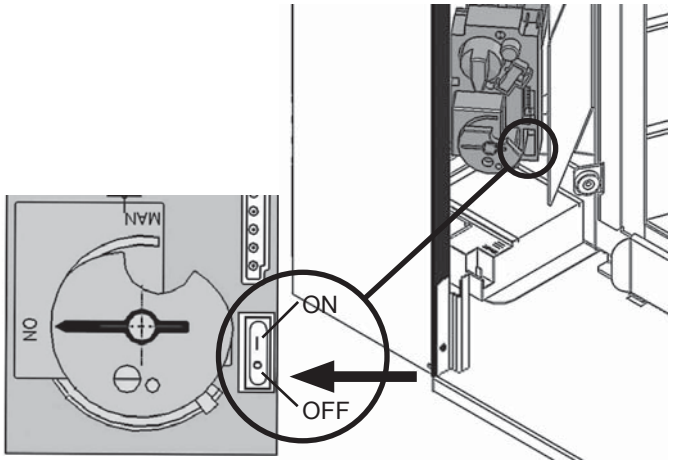
You can use one of the two following methods to ensure that your fireplace will not turn on when you don't want it on.

**First, ensure your fireplace is turned off—including the pilot—and cold BEFORE going ahead.**

- You can prevent your fireplace from lighting by pressing the **O** button on the manual ON/OFF switch on the gas valve.




The receiver and gas valve are located on the left of the firebox behind the side door.




Manual ON/OFF Switch

- Alternately, remove all batteries from the receiver as well as the battery from the handset.

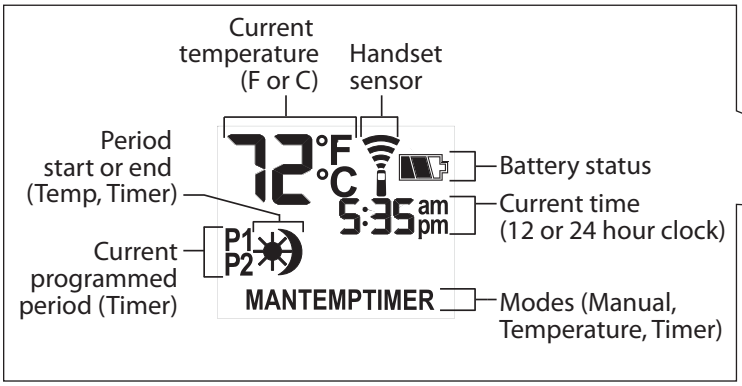
## **Automatic Shut-Off** (in certain conditions)

Your fireplace's remote control is equipped with an automatic shut-off mechanism which is activated in certain conditions. See page 15 in the *Remote Control Operation* section for a description of this feature.

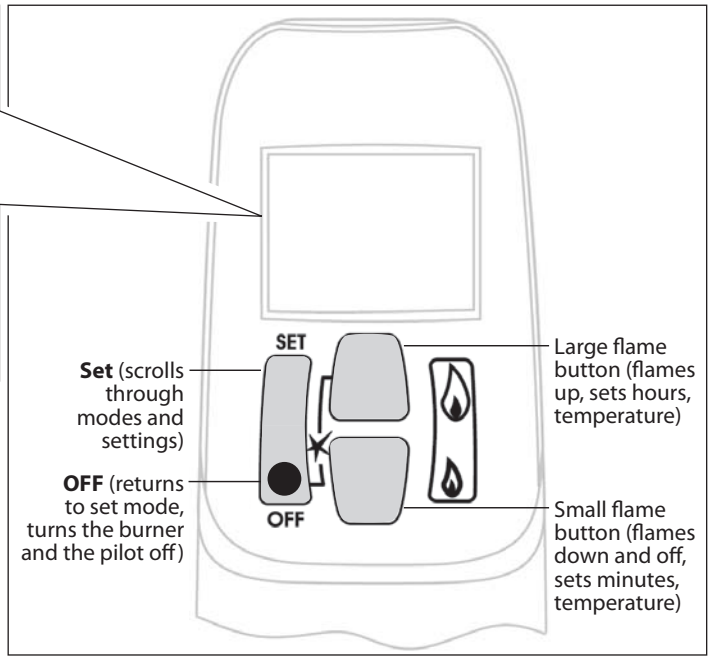
# Remote Control Operation

**NOTE: Before using the remote control system for the first time,** the receiver and the handset must be synchronized. See the section *Remote Control Initial Set-up* on page 42 of this manual.

**IMPORTANT:** *BEFORE YOU BEGIN, please note that on this system, the settings of time, temperature and automatic ON/OFF* ***can only be programmed when the function display is flashing****. Be patient when programming as it can take a few seconds to set.*




Display Overview


SET
OFF
Set (scrolls through modes and settings)
OFF (returns to set mode, turns the burner and the pilot off)
Large flame button (flames up, sets hours, temperature)
Small flame button (flames down and off, sets minutes, temperature)

Handset Overview

Note: In the TEMP or TIMER modes, the remote handset senses the room temperature and adjusts the flame accordingly.

To communicate, the handset should be within 15 feet (4.5 meters) of the fireplace.

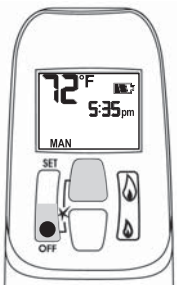
***Do not leave the handset on the mantel or hearth.***

## TO TURN ON APPLIANCE

**CAUTION**

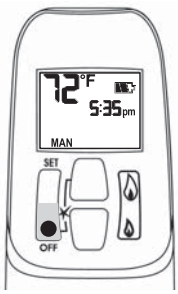
When pilot ignition is confirmed, motor turns automatically to maximum flame height.

- On the valve, turn MAN knob on the ON, full counterclockwise position.
- Place ON/OFF switch (if equipped) in I (ON position).




- Simultaneously press the OFF and (large flame) buttons until a short beep confirms the start sequence has begun; release buttons.
- Continuing beeps confirm the ignition is in process.
- Once pilot ignition is confirmed, there is main gas flow.
- After main burner ignition the handset will automatically go into manual (MAN) mode.

## TO TURN OFF APPLIANCE



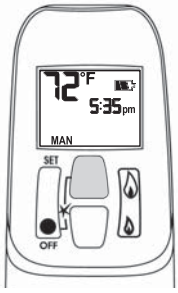

- Press OFF button.

  When the pilot is off, it will take 2 minutes before it can be lit again.

**STANDBY MODE (Pilot Flame)**

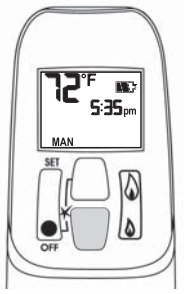
- Press and hold (small flame) to set appliance at pilot flame.

## FLAME HEIGHT ADJUSTMENT



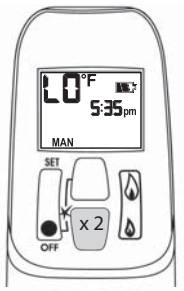

- In standby mode: Press and hold (large flame) button to increase flame height.

# Remote Control Operation

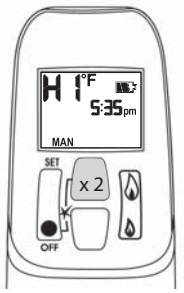



- Press and hold (small flame) button to decrease flame height or to set the appliance at pilot flame.
- For fine adjustment tap the (large flame) or (small flame) buttons.

**Express Low and High Fire**

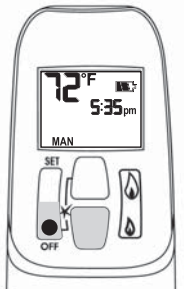



- Double-click (small flame) button. "LO" will be displayed. NOTE: Flame goes to high fire first before going to designated low fire.



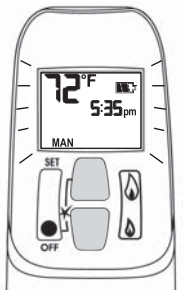

- Double-click (large flame) button. Flame automatically goes to high fire. "HI" will be displayed.

## SETTING ºC/24-HOUR OR ºF/12-HOUR CLOCK



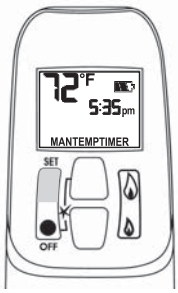

- In MAN mode, press OFF and (small flame) buttons until display changes from Farenheit/12-hour clock to Celsius/24-hour clock and vice versa.

## SETTING THE TIME



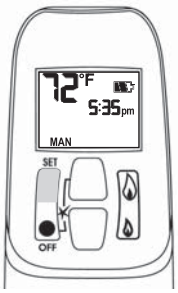

- The time display will flash after either:
  - Installing the battery or
  - Simultaneously pressing the (large flame) and (small flame) buttons.
- Press (large flame) button to set the hour.
- Press (small flame) button to set the minute.
- Press OFF or simply wait to return to MAN mode.

## MODES OF OPERATION

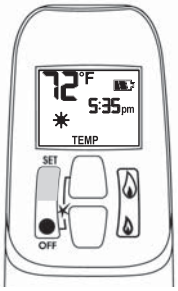



- Briefly pressing the SET button changes the mode of operation in the following order:
  MAN → TEMP → TEMP → TIMER → and back to MAN .

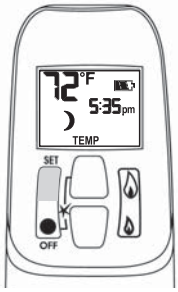
**NOTE:** Manual mode can also be reached by pressing either the (large flame) or the (small flame) buttons.



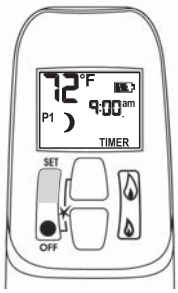

- MAN **- Manual Mode -** Manual Flame Height Adjustment.




- TEMP **- Daytime Temperature Mode** (Appliance must be in standby mode; pilot ignited) **-** The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the Daytime Set Temperature.




- TEMP **- Nighttime Setback Temperature Mode** (Appliance must be in standby mode; pilot ignited) **-** The room temperature is measured and compared to the Nighttime Setback temperature. The flame height is then automatically adjusted to achieve the Nighttime Setback Temperature.



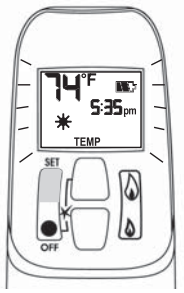

- TIMER **- Timer Mode** (Appliance must be in standby mode; pilot ignited) **-** The timers P1 and P2 (Program 1, Program 2) each can be programmed to go ON and OFF at specific times. For instructions see Timer Programming Mode.

**NOTE:** The display shows the set temperature every 30 seconds.

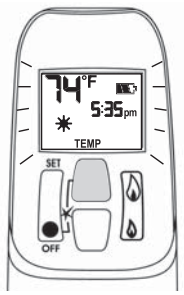
## SETTING THE ON / OFF TEMPERATURES

### SETTING THE "DAYTIME" TEMPERATURE

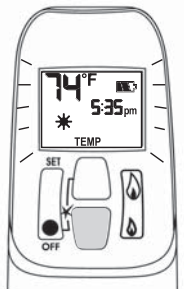
**Default Settings:** TEMP (sun), **23ºC / 74ºF**



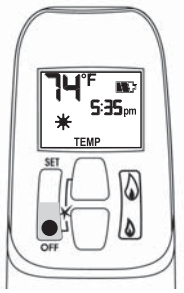

- Briefly press SET button to scroll to TEMP TEMP (sun) mode. Hold the SET button until the TEMP flashes.




- Press (large flame) button to increase the Daytime Set Temperature.



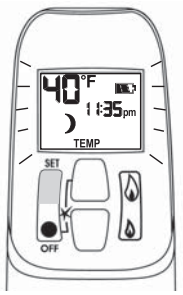

- Press (small flame) button to decrease Daytime Set Temperature.



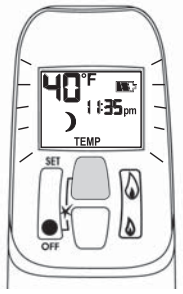

- Press OFF or simply wait to complete programming.

### SETTING THE "NIGHTTIME SETBACK" TEMPERATURE

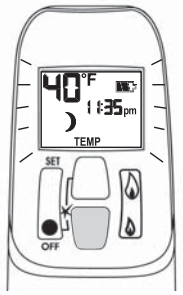
**Default Settings:** TEMP (moon), **"--" (OFF)**



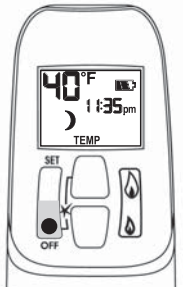

- Briefly press SET button to scroll to TEMP TEMP (moon) mode. Hold the SET button until the TEMP flashes.




- Press (large flame) button to increase Nighttime Setback Temperature.




- Press (small flame) button to decrease Nighttime Setback Temperature.




- Press OFF or simply wait to complete programming.

**Tip**

Set the different parameters when they are flashing.

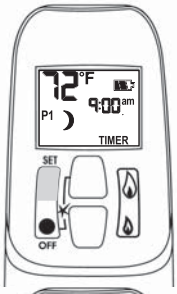
# Remote Control Operation

## SETTING PROGRAM TIMERS

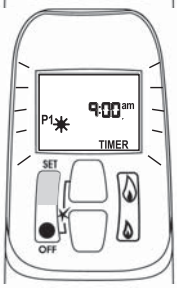
- You can program two periods of time between 12:00 am and 11:50 pm in each 24-hour cycle.
- The Programs P1 and P2 must be set in the following order during a 24-hour cycle: **P1**☀, **P1**☽, **P2**☀ and **P2**☽
- The icon ☀ indicates the beginning of the period (ON) and the icon ☽ indicates the end of the period (OFF).
- If **P1**☀ = **P1**☽ or **P2**☀ = **P2**☽, the programming is cancelled.
- To keep the fireplace ON all night, set **P2**☽ at 11:50 am and **P1**☀ at 12:00 am.

**Default settings:**

Program 1: **P1**☀ 6:00 am **P1**☽ 8:00 am
Program 2: **P2**☀ 11:50 pm **P2**☽ 11:50 pm

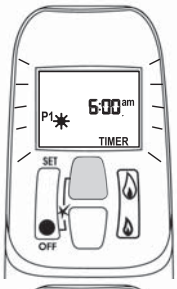



- Briefly press SET button to scroll to TIMER mode.

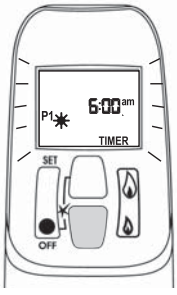



### SETTING P1 ON TIME

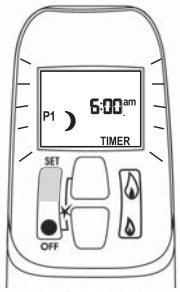
- Hold the SET button until **P1**☀ (sun) is displayed and the time flashes.




- Press (large flame) button to set the hour.

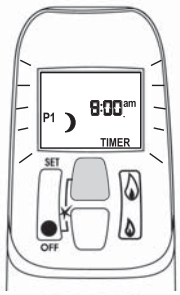



- Press (small flame) button to set the minutes.

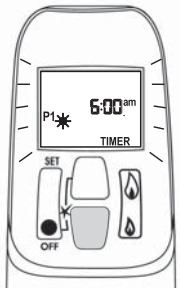



### SETTING P1 OFF TIME

- Briefly press SET button to scroll to TIMER **P1**☽ (moon) while the time flashes.




- Press (large flame) button to set the hour.




- Press (small flame) button to set the minutes.

### SETTING P2 ON TIME

- Briefly press SET to scroll to TIMER mode **P2**☀ (sun) while the time flashes.
- Follow the instructions given to set P1 ON time.

### SETTING P2 OFF TIME

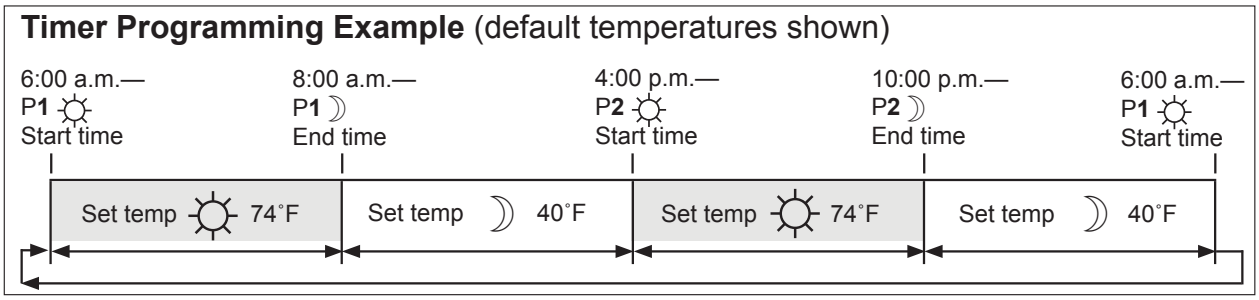
- Briefly press SET to scroll to TIMER mode **P2**☽ (moon) while the time flashes.
- Follow the instructions given to set P1 OFF time.

Press OFF button to save these settings. The timers are programmed. See the diagram on programming sequences on the following page.

**Tip**

If you want to program only one period, program **P1**☀ and **P1**☽ with desired times and program **P2**☀ and **P2**☽ with the same time as **P1**☽.

# Remote Control Operation




## AUTOMATIC TURN DOWN

- **No communication.** If there is no communication between the receiver and the handset for a period of 6 hours, the appliance goes into pilot mode.
- **No change in flame height.** If there is no change in flame height for a period of 6 hours, the appliance goes into pilot mode.
  **NOTE:** In **TEMP** or **TIMER** modes, the flame height will vary according to room temperature. The appliance will continue to work normally. However, if the room temperature remains the same for 6 hours, the appliance will go into pilot mode.

## AUTOMATIC SHUT OFF

- **Low batteries in the receiver.** With low battery power in the receiver the system shuts off completely.
  **NOTE:** This does not apply when the power supply is interrupted.
- **No change in pilot.** The appliance shuts off completely when it is continually in pilot position—without any change—for a period of 5 days.

## LOW BATTERY INDICATION

**CAUTION**

**DO NOT USE** a screwdriver or other metallic object to remove the batteries from the battery box or the handset! This could cause a short circuit.

**Remote handset:** The battery icon will show when the battery needs to be replaced.
Replace with one 9 V **alkaline** battery.

**Receiver:** Three short 'beeps' will sound when the motor turns when the batteries need to be replaced.
Replace with four 1.5 V **alkaline** batteries.

## HANDSET / RECEIVER MATCH

The remote control handset and receiver are programmed to function together. In case of a replacement of the handset or the receiver, you will need to reset the receiver to allow them to function together. Contact your dealer for details.

# Options

## Required Kits*

### Ceramic Liners

1245VRL—Victorian Red Liner Pack
1250FSL—Frontera Liner Pack
1255IBL—Inca Slab Liner Pack
1260BSL—Black Slab Liner Pack

## Optional Accessories*

### Doors and Surrounds

1210DKA—Alhambra Door Kit
1215FDV—FenderFire Double Door Kit
1220FSV—FenderFire Single Door Kit
1240BPK—3-Sided Backing Plate Kit
1241FBK—4-Sided Backing Plate Kit
1235MTP—3-Sided Polished Trim
1237MFP—4-Sided Polished Trim
614CVI—Arched Cast Surround
615CVI—Cast Surround

### Fret and Andirons

1225VFB—Ventana Fret Black
1230ACB—Andiron Classic Black
1236MAP—Metropolis Andiron Polished

### Conversion Kit

1200PCK—Conversion Kit to Propane Gas
1200NCK—Conversion Kit to Natural Gas

### Wall Switch

1265WSK—Wall Switch Kit

### Fan

1270RBK—Remote Blower Kit

### Hearth Gate

Hearth gates such as Cardinal VersaGates are available at retail stores carrying safety products for children.

*Information accurate at the time of printing and subject to change without notice.

# Lighting Instructions

## FOR YOUR SAFETY, READ BEFORE LIGHTING

**WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.**

A. This appliance has a pilot which must be lighted by hand or by remote control. Follow these instructions exactly. To save gas, turn the pilot off when not using the appliance for a prolonged period of time.

**B. BEFORE LIGHTING, smell all around the appliance area for gas. Be sure to smell next to the floor because some gas are heavier than air and will settle on the floor.**

WHAT TO DO IF YOU SMELL GAS

- **Do not try to light any appliance.**
- **Do not touch any electric switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor**'s phone. Follow the gas supplier's instructions.
- **If you cannot reach your gas supplier, call the fire department.**

C. Use only your hand to push in or turn the control knobs. Never use tools. If the knobs will not push in or turn by hand, **don't try to repair them; call a qualified service technician. Force or attempted repair may result in a fire or explosion.**

D. Do not use this appliance if any part has been under water. **Immediately call a qualified servi**ce technician to inspect the appliance and to replace any part of the control system and any gas control, which has been under water.

## LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above. Dependent on model, switch #1 may be mounted directly to valve see Fig 2A.

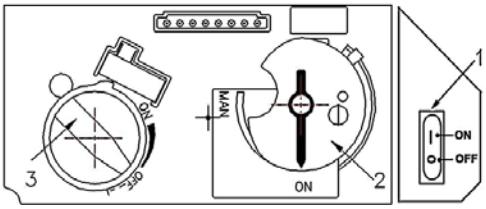



Fig 1

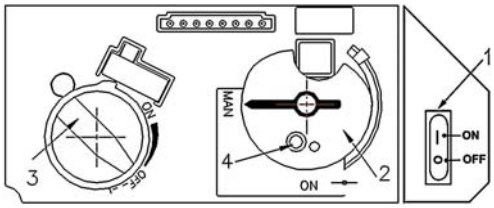



Fig 2

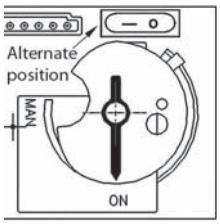



Fig 2A

2. SET ON/OFF SWITCH (1) TO "OFF" POSITION.
   - **Wait five (5) minutes to clear out any gas, then smell for gas, including near the floor**. If you smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
3. AUTOMA**TIC IGNITION (fig. 1): Locate the pilot (fig 3.) inside of firebox at Left Hand side.**
   - **ON/OFF switch (1) in ON position, MAN-knob (2) in ON position; set Flame** Adjustment knob (3) to lowest setting (↻);
   - On the remote control handset, press and hold the 'off ' button and (large flame) **simultaneously; a short acoustic signal confirms the start has begun;**
   - **Further short acoustic signals indicate the ignition process is in progress;**
   - When the pilot is lit, the Flame Adjustment knob (3) will automatically rotate to the highest setting.
   - Press the (small flame) **on the remote control handset to reduce the flame height.**
4. MANUAL **IGNITION (fig. 2): With the window off, locate the pilot (fig. 3) inside of firebox at Left Hand side;**
   - **ON/OFF switch (1) in ON position, MAN-knob (2) in MAN position;**
   - Set Flame Adjustment knob (3) to the lowest setting (↻);
   - **Push down the metallic core (4) with a pen or similar instrument; this will establish the pilot gas flow; Light gas at the pilot (5) with a match; Continue holding down metal core (4) for about 10 seconds; after release, pilot should remain lit;**
   - If the pilot will not stay lit after several tries, turn the gas control knob (3) to "OFF" (↻) and call your local service technician or gas supplier.

   **Reinstall the window and set the MAN-knob (2) to "ON"; turn Flame** Adjustment knob (3) up (↺) or down manually or use the up/down 'flame'buttons on the remote control handset to adjust the **flame height.**

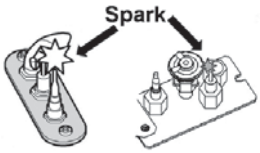



Fig 3

## TO TURN OFF GAS TO APPLIANCE

1. AUTOMATIC SHUT**-OFF (using the remote control handset):**
   - Press and hold the (small flame) **on the remote control handset to shut-off the main burner gas flow;**
   - **Press "OFF" button on remote handset to shut-off the appliance, including pilot flame.**
2. MANUAL SHUT-OFF (using only the ON/OFF switch (1))
   - Press "O" the ON/OFF switch (1) to shut-off the appliance.

## State of Massachusetts Carbon Monoxide Detector/Vent Terminal Signage Requirements

For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

1. INSTALLATION OF CARBON MONOXIDE DETECTORS. At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gas fitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gas fitter shall observe that a battery operated or hard wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors.

a. In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

b. In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

2. APPROVED CARBON MONOXIDE DETECTORS. Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

3. SIGNAGE. A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) inch in size, "GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS".

4. INSPECTION. The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08(2)(a)1 through 4.

(b) EXEMPTIONS: The following equipment is exempt from 248 CMR 5.08(2)(a)1 through 4:

1. The equipment listed in Chapter 10 entitled "Equipment Not Required To Be Vented" in the most current edition of NFPA 54 as adopted by the Board; and

2. Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

(c) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM PROVIDED. When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

1. Detailed instructions for the installation of the venting system design or the venting system components; and

2. A complete parts list for the venting system design or venting system.

# Commonwealth of Massachusetts

(d) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED. When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies "special venting systems", the following requirements shall be satisfied by the manufacturer:

1. The referenced "special venting system" instructions shall be included with the appliance or equipment installation instructions; and

2. The "special venting systems" shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

# Specifications

## Approval & Codes

This appliance is certified to ANSI Z21.88-2014/ CSA 2.33-2014 American National Standard / CSA Standard for *Vented Gas Fireplace Heaters* for use in Canada and USA, and to CGA 2.17-91 *High Altitude Standard in Canada*. This appliance is for direct vent installations.

This appliance complies with CSA P4.1-09 *Testing method for measuring annual fireplace efficiencies*.

The installation must conform to local codes or, in the absence of local codes, with the *National Fuel Gas Code, ANSI Z223.1* or the *Natural Gas and Propane Installation Code CAN/CGA-B149*. Only qualified licensed or trained personnel should install this appliance.

This appliance must be electrically grounded in accordance with local codes, or, in the absence of local codes, with the *National Electrical Code, ANSI/ NFPA 70* or the *Canadian Electrical Code, CSA C22.1*.

## Ratings

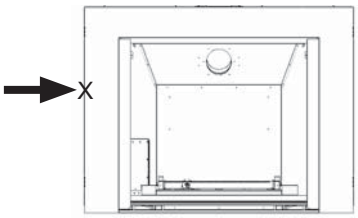
| Model | N | P |
|---|---|---|
| Gas | Natural | Propane |
| Altitude (Ft.)* | 0-4,500 feet* | |
| Input Maximum (Btu/h) | 36,000 | 31,000 |
| Input Minimum (Btu/h) | 15,000 | 15,000 |
| Manifold Pressure (in w.c.) | 3.6” | 10.5” |
| Minimum Supply Pressure (in w.c.) | 5” | 11” |
| Maximum Supply Pressure (in w.c.) | 10” | 14” |
| Main Burner Injector Marking | Cat # 82-1200 | Cat # 92-360 |
| Pilot Injector Marking | #51 | #30 |
| Min. Rate By-Pass Screw | #190 | #125 |

***High Altitude Installations**
Input ratings are shown in BTU per hour and are certified without deration for elevations up to 4,500 feet (1,370 m) above sea level.
For elevations above 4,500 feet (1,370 m) in USA, installations must be in accordance with the current ANSI Z223.1 and/or local codes having jurisdiction. Heating value of gas in some areas is reduced to compensate for elevation—consult your local gas utility to confirm.

For installations at elevations above 4,500 feet (1,370 m) in Canada, please consult provincial and/or local authorities having jurisdiction.

## Supply Gas

Heater engine 1200EAN is used with natural gas. Heater engine 1200EAP is used with propane gas. The supply pressure must be between the limits shown in the Ratings section above.




The supply connection is 3/8 inch NPT male and located on the left hand side of the firebox. A shut-off valve (not supplied) is required on the supply line to isolate the unit during service.

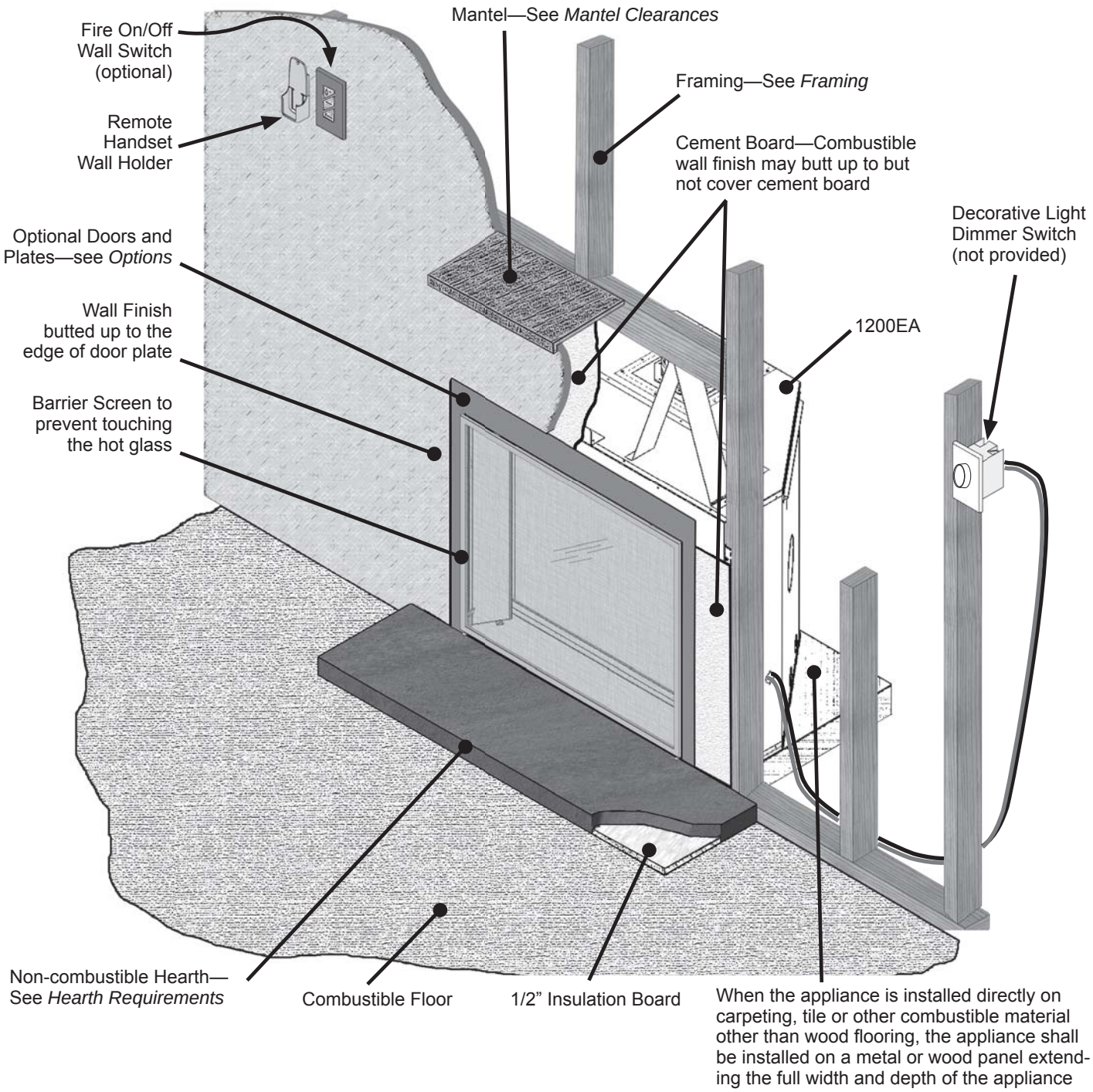
## Conversion Kits

The 1200 Ventana is supplied as natural gas or propane gas and is field convertible between fuels. See instructions packaged with the conversion kit for further information.

## Electrical

The 1200 does not require an electrical power source to operate as a heater. However, it requires electrical power to operate its decorative hearth light.

# Overview


Fire On/Off Wall Switch (optional)
Remote Handset Wall Holder
Optional Doors and Plates—see *Options*
Wall Finish butted up to the edge of door plate
Barrier Screen to prevent touching the hot glass
Mantel—See *Mantel Clearances*
Framing—See *Framing*
Cement Board—Combustible wall finish may butt up to but not cover cement board
Decorative Light Dimmer Switch (not provided)
1200EA
Non-combustible Hearth—See *Hearth Requirements*
Combustible Floor
1/2" Insulation Board
When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth of the appliance

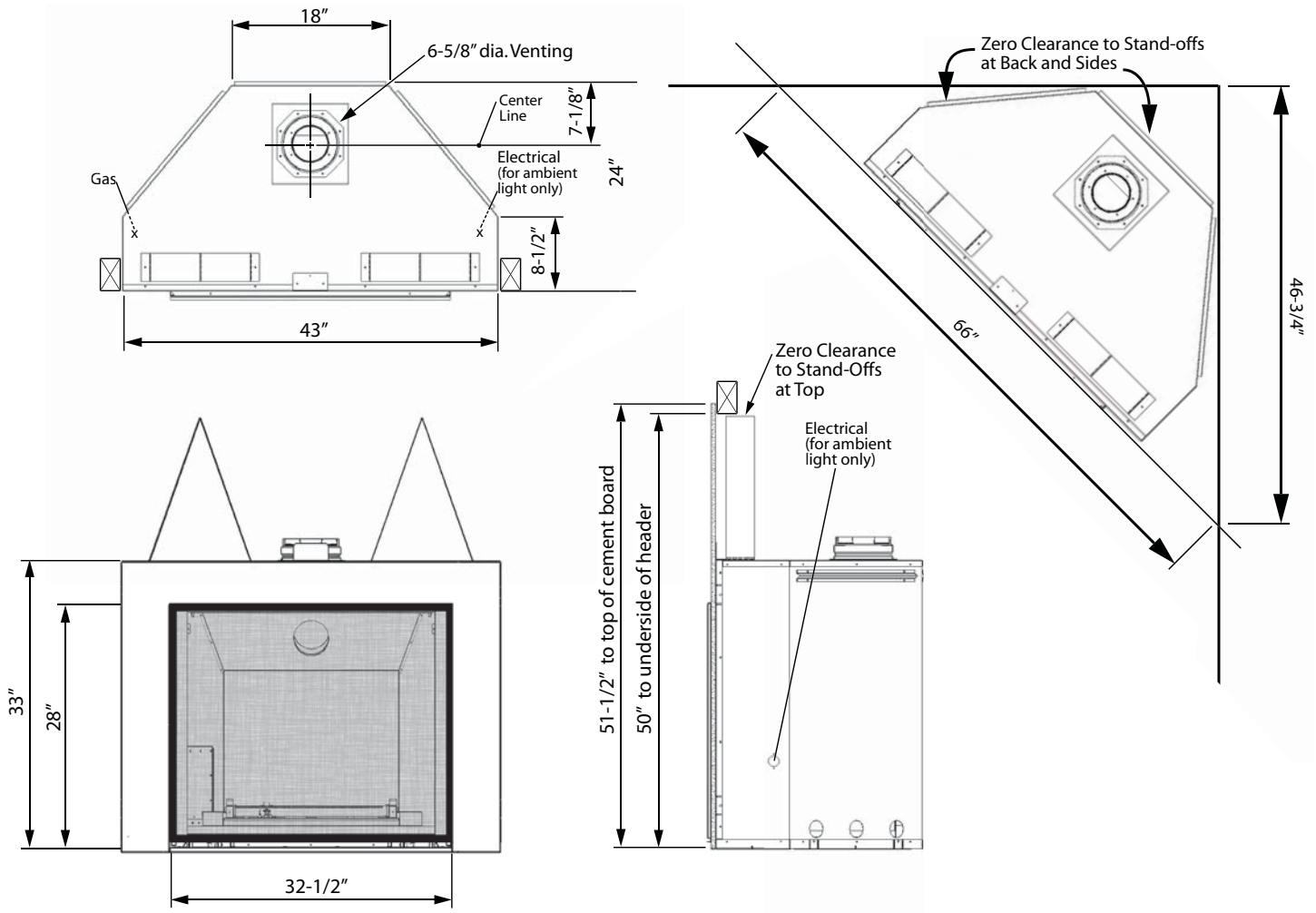
**⚠ WARNING**

**Some materials or items, although safe, may discolor, shrink, warp, crack, peel, and so on because of the heat produced by the fireplace. Avoid placing candles, paintings, photos, and other items sensitive to heat around the fireplace.**

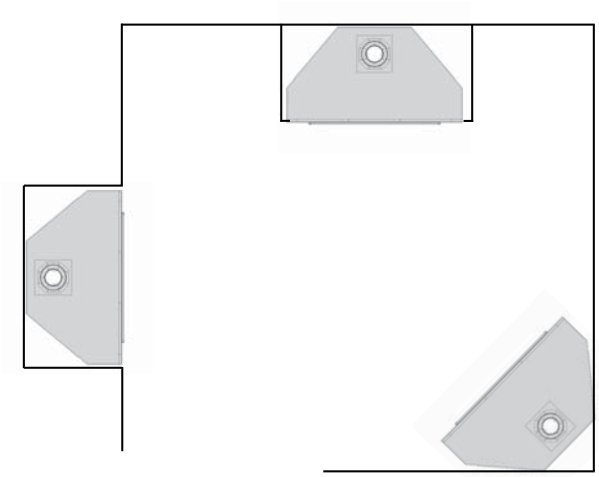
**⚠ WARNING**

**HOT HEARTH / FLOOR! The hearth or floor in front of the fireplace may become very hot when the fireplace heats. Do not use the hearth as a seat or shelf. Solid wood flooring in front of the fireplace (if allowed) may shrink during the heating season due to heat.**

# Dimensions

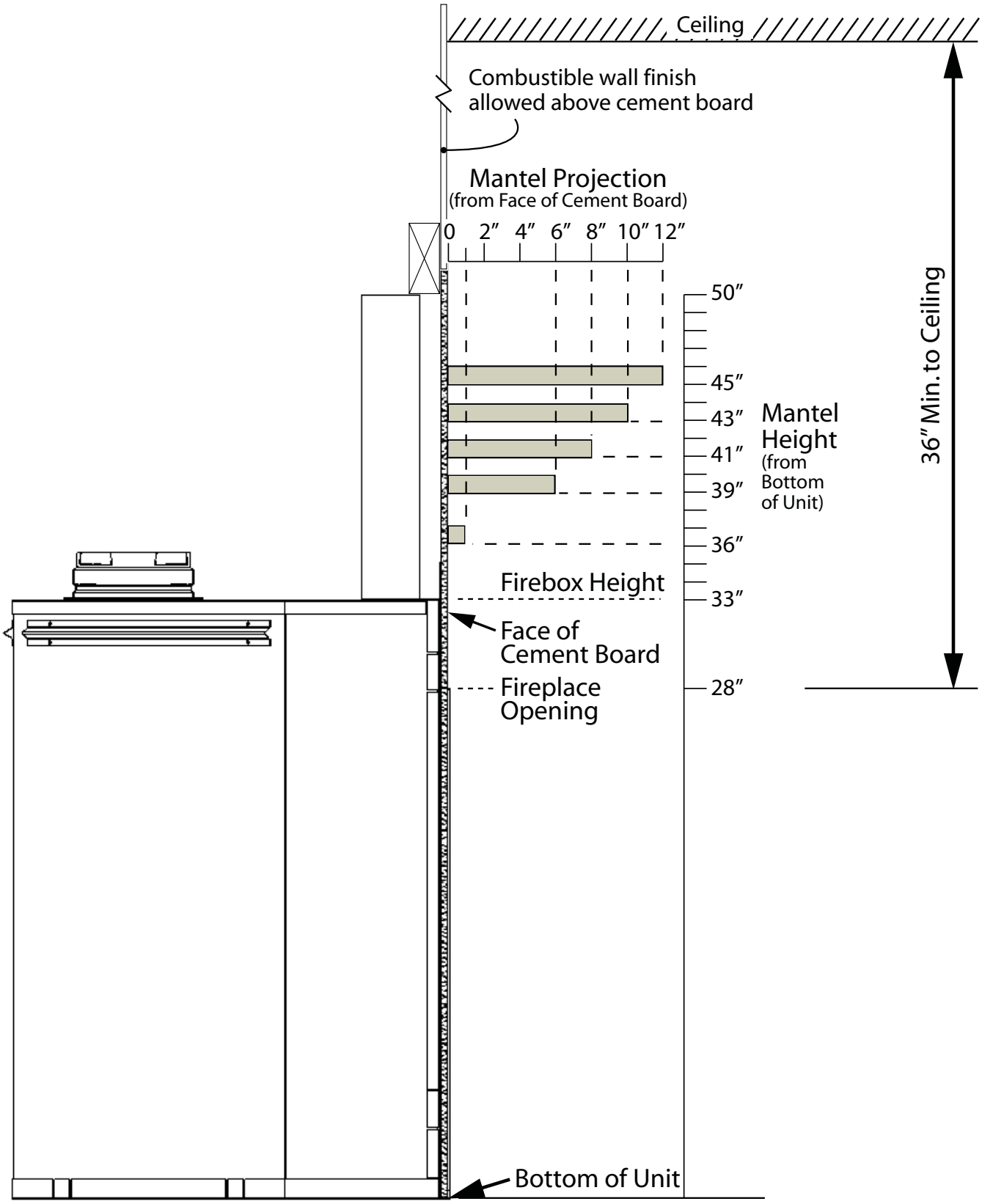



# Location



# Mantel Clearances

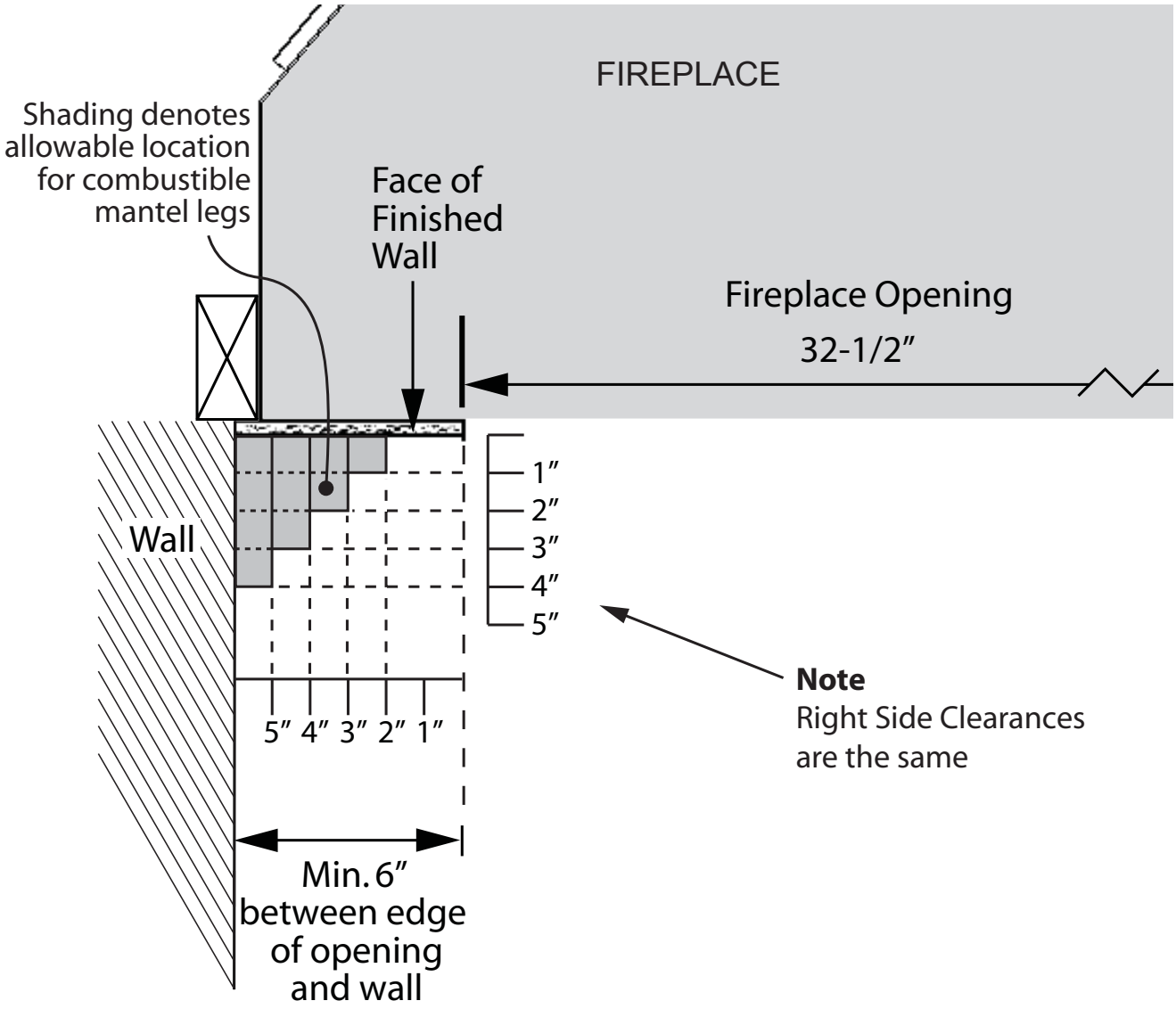
**Combustible Mantel—Left Side View**




**Left Side View**

# Mantel Clearances

**Combustible Sidewall / Mantel Leg—Top View**



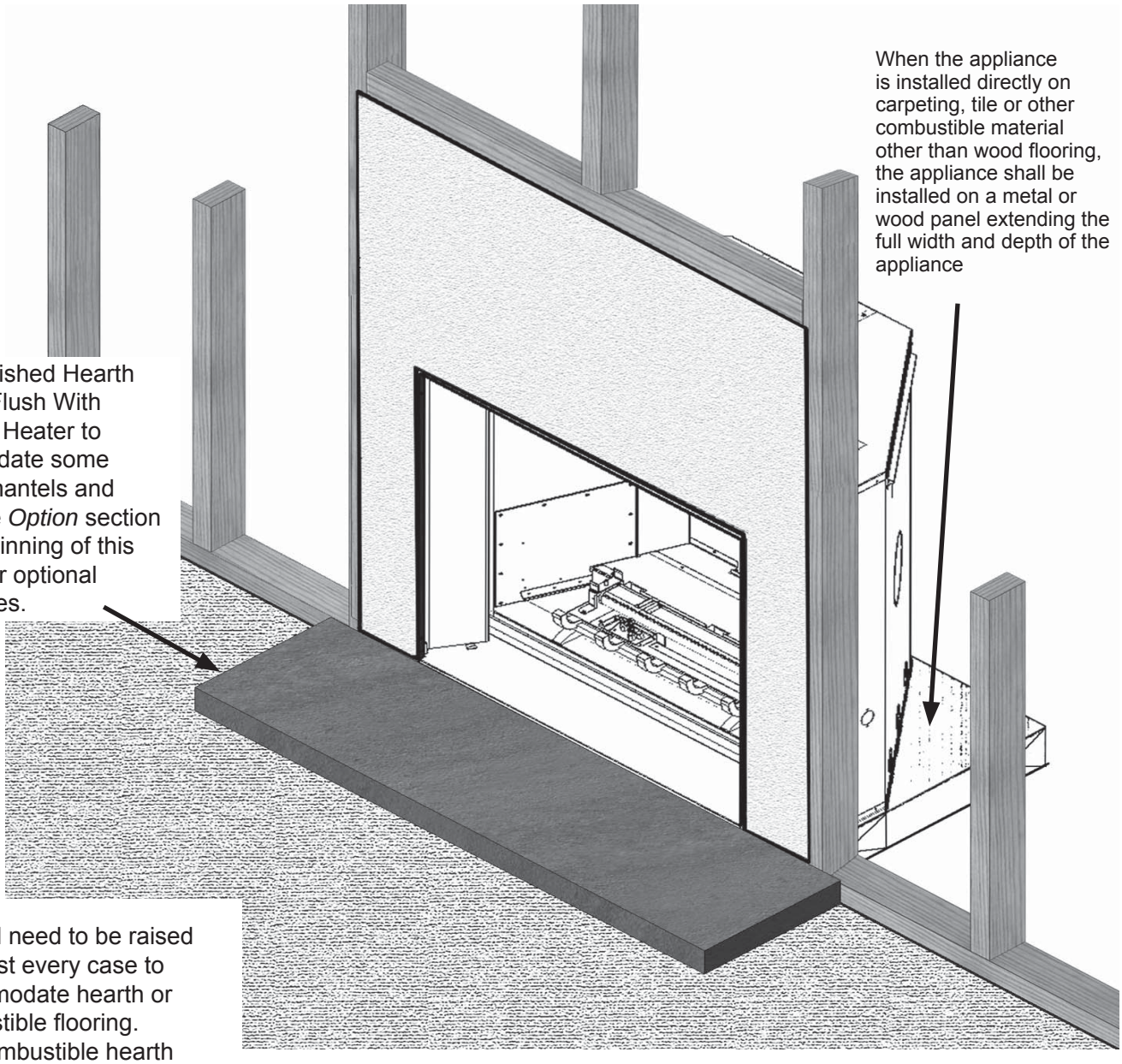

**Top View**

# Hearth Requirements

## General Hearth Considerations

**⚠ WARNING**

**SAFETY WARNING!** The Ventana is a very effective radiant heater. The hearth/floor in front of the heater can get very hot (in excess of 200ºF). Locating the unit raised above the hearth/floor or adding one of the optional screen fronts or a generic freestanding screen in front of the unit can greatly reduce hearth temperatures. Any hearth within 4 inches of the base of the heater must be constructed of non-combustible materials (see diagrams in the following pages). Note that some materials, although safe can degrade due to heat—take this into consideration when choosing materials.


When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth of the appliance
Top of Finished Hearth Must Be Flush With Bottom of Heater to accommodate some optional mantels and trims. See *Option* section at the beginning of this manual for optional accessories.

**NOTE:**

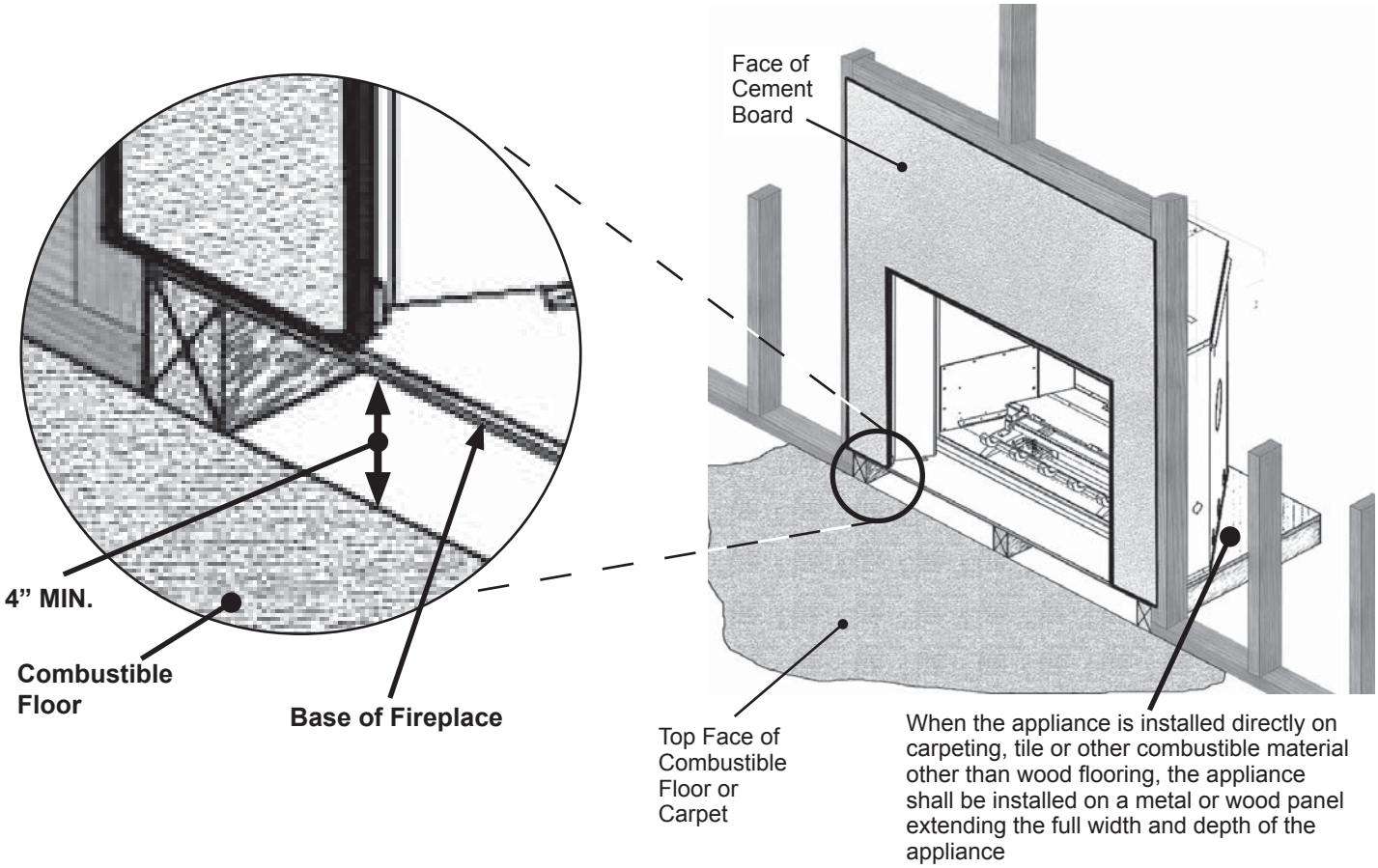
- Unit will need to be raised in almost every case to accommodate hearth or combustible flooring.
- Non-combustible hearth required if bottom of fireplace is less than 4” from combustible floor in front.

# Hearth Requirements

## Rules

1. Any hearth/floor in front of fireplace within 4 inches of the bottom of the unit must be non-combustible and project a minimum distance as shown on page 26. The hearth/floor must have a non-combustible finish **applied over the 1/2 inch insulation board** provided with the engine. This insulation board acts as a thermal break.
2. Minimum hearth projection is determined by a combination of the height of the hearth above the surface of combustible floor or carpet and the distance between the hearth and the bottom of the fireplace.
3. Combustible baseboards (1 inch thick or less) located on the wall are acceptable provided they are located below the base of the raised fireplace.

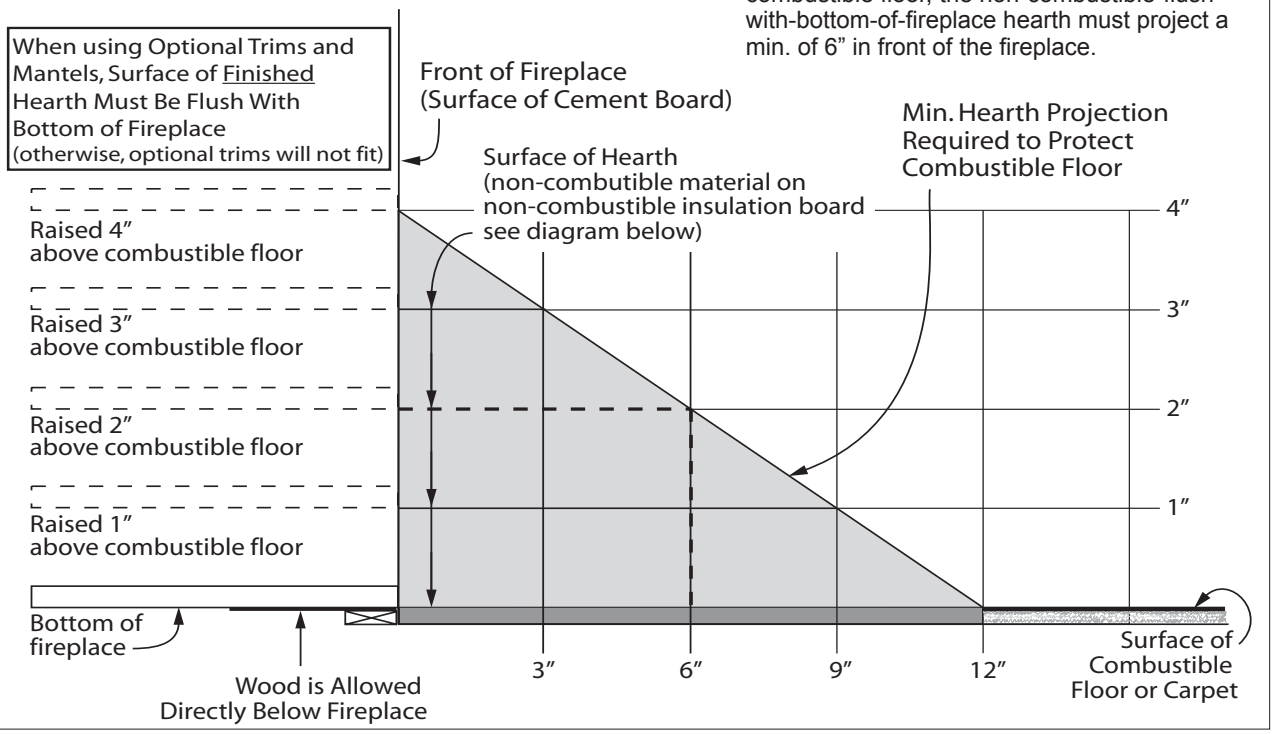
## Unit Raised Above Combustible Hearth or Floor


Face of Cement Board
4" MIN.
Combustible Floor
Base of Fireplace
Top Face of Combustible Floor or Carpet
When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth of the appliance

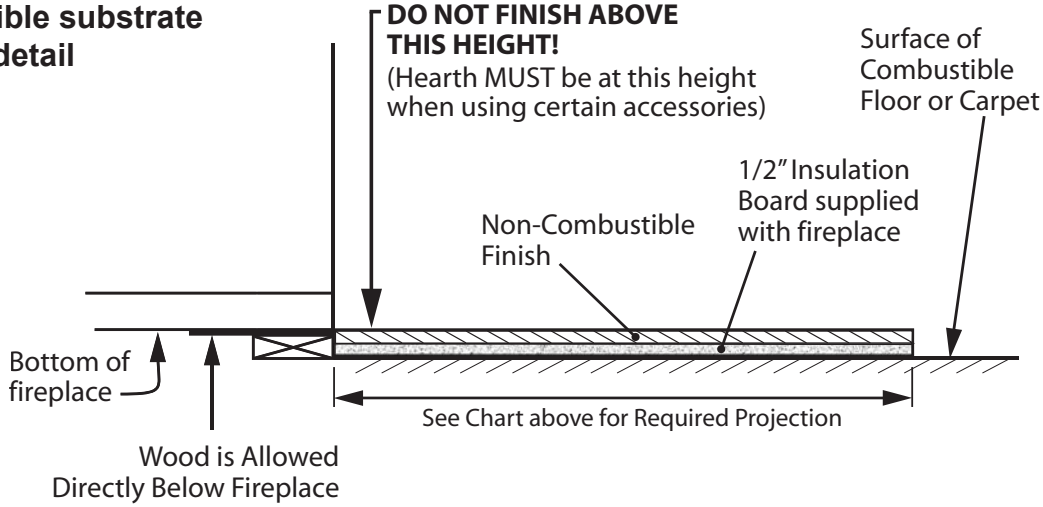
# Hearth Requirements

## Unit With Site-Built Non-Combustible Hearth Extending

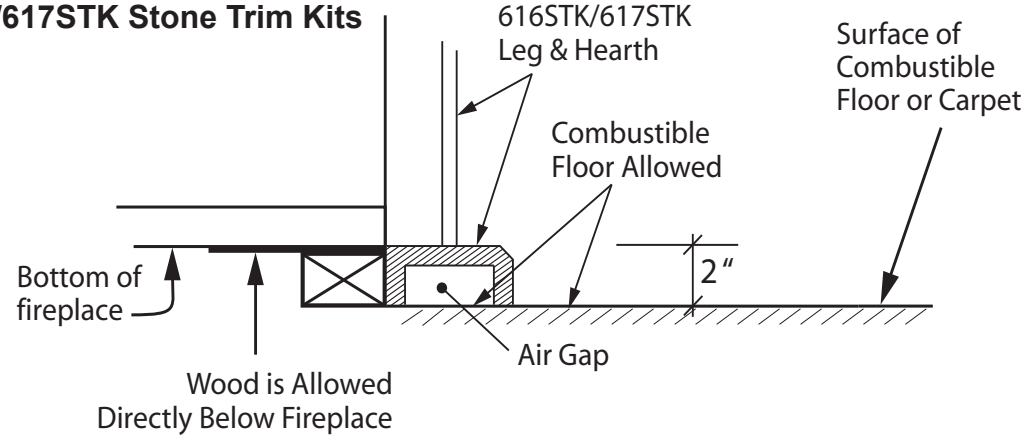
Example: If the fireplace is raised 2" above combustible floor, the non-combustible-flush-with-bottom-of-fireplace hearth must project a min. of 6" in front of the fireplace.


When using Optional Trims and Mantels, Surface of Finished Hearth Must Be Flush With Bottom of Fireplace (otherwise, optional trims will not fit)
Front of Fireplace (Surface of Cement Board)
Min. Hearth Projection Required to Protect Combustible Floor
Surface of Hearth (non-combutible material on non-combustible insulation board see diagram below)
Raised 4" above combustible floor
Raised 3" above combustible floor
Raised 2" above combustible floor
Raised 1" above combustible floor
4"
3"
2"
1"
Bottom of fireplace
Wood is Allowed Directly Below Fireplace
3"
6"
9"
12"
Surface of Combustible Floor or Carpet

## Non-combustible substrate construction detail


DO NOT FINISH ABOVE THIS HEIGHT!
(Hearth MUST be at this height when using certain accessories)
Surface of Combustible Floor or Carpet
1/2" Insulation Board supplied with fireplace
Non-Combustible Finish
Bottom of fireplace
See Chart above for Required Projection
Wood is Allowed Directly Below Fireplace

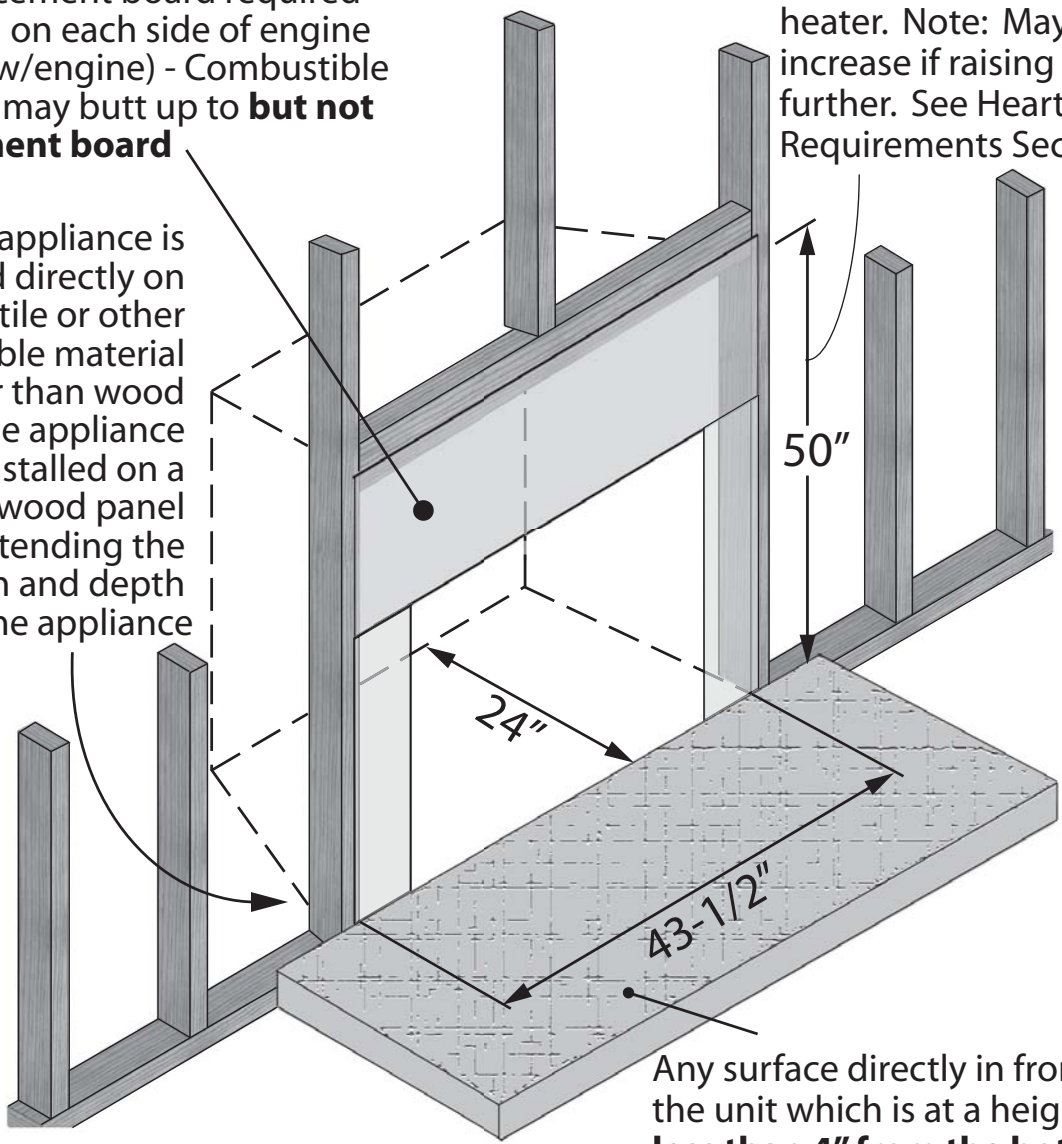
## Using 616/617STK Stone Trim Kits



1/2" thick cement board required above and on each side of engine (supplied w/engine) - Combustible wall finish may butt up to **but not cover cement board**

When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth of the appliance

Between underside of header and base of heater. Note: May increase if raising heater further. See Hearth Requirements Section.




Any surface directly in front of the unit which is at a height of **less than 4" from the bottom of the unit must be non-combustible**. See chart for minimum non-combustible projection required to protect combustible flooring in front.

## FRAMING DIMENSIONS

## Vent Material

This unit is approved for installation using 4 x 6-5/8 inches co-axial direct vent pipe and accessories as listed in the *Approved Venting Components* section on pages 47–48 of this manual. Follow the installation instructions supplied with the individual venting accessories.

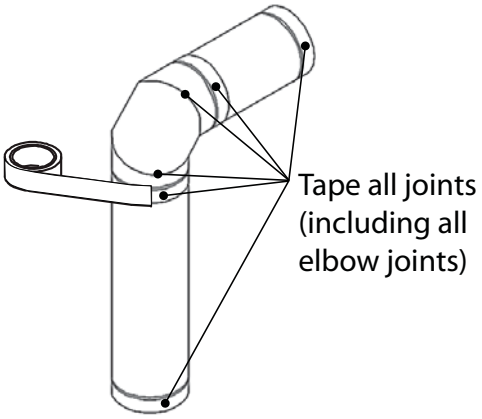
This unit may also be converted to co-linear (2 x 3 in) venting for use in solid-fuel burning fireplaces and chimneys using adapters and accessories—see the *Approved Venting Components* section on pages 47–48 of this manual.

## Vent Sealing

Seal all outer coaxial pipe and elbow joints, including sectioned elbow joints, using high quality, high temperature 2 inch wide self-adhesive aluminum foil tape (Nashua-322-2 brand or similar). Wrap the tape completely around all joints and press firmly to seal.

A high temperature black silicone sealant may be used in the outer joints as a substitute to foil tape.

Ensure all the pipe joints have a minimum of 1 ¼ inch overlap.

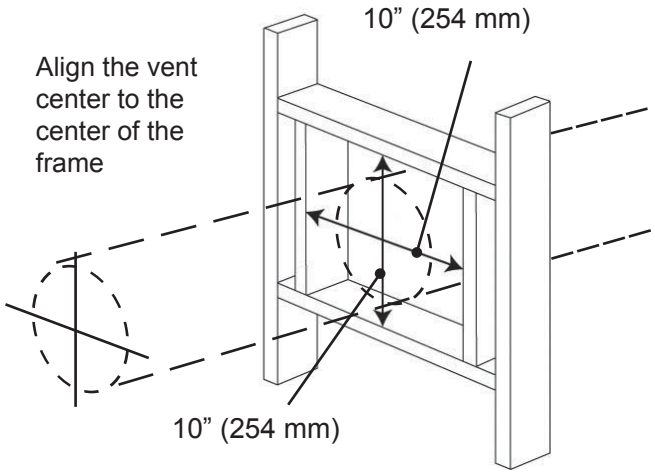



## Wall Thickness

The appliance vent is suitable for penetrating a combustible wall assembly up to 8 inches in thickness. A non-combustible wall can be of any thickness up to the maximum horizontal run of vent pipe allowed for the particular installation.

## Framing Vent in Combustible Walls & Ceilings

When penetrating through combustible walls and ceilings, frame a minimum of 10 x 10 inches opening and ensure that the insulation is kept clear of the vent pipe using either a wall thimble or an attic insulation shield. Follow the installation instructions supplied with the individual venting components.




All horizontal pipe runs must be graded 1/4 inch per foot upwards in the direction of the exhaust flow. The final pipe length, when terminating through the wall may be graded downwards slightly to prevent water migration.

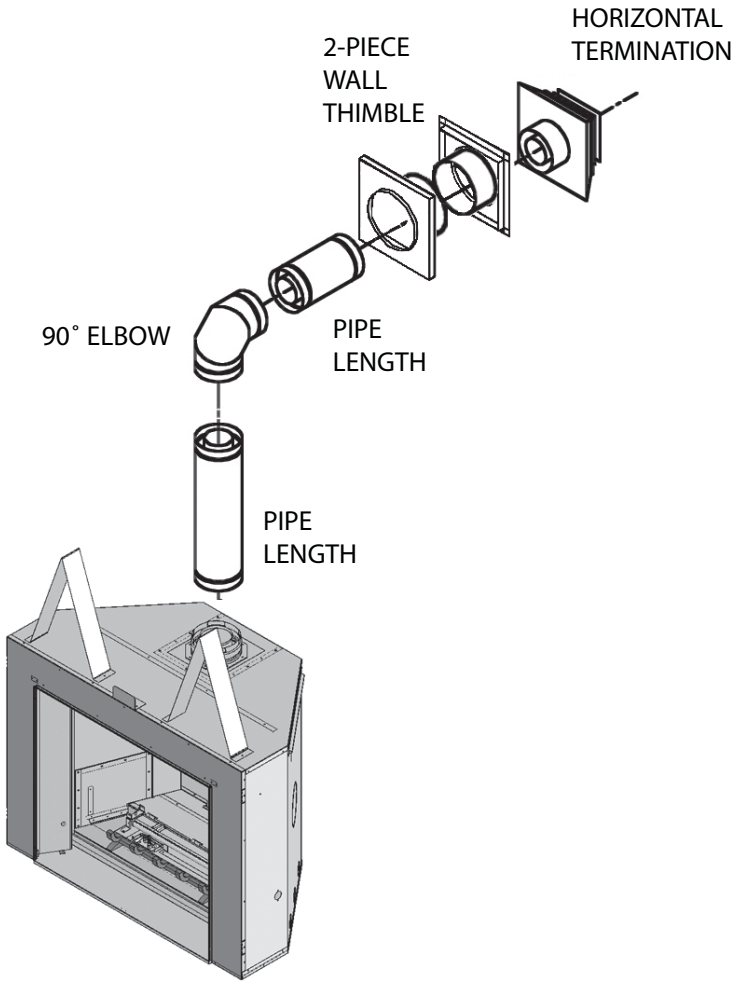
## Important Installer Notice – Weather Sealing & Vapor Barriers

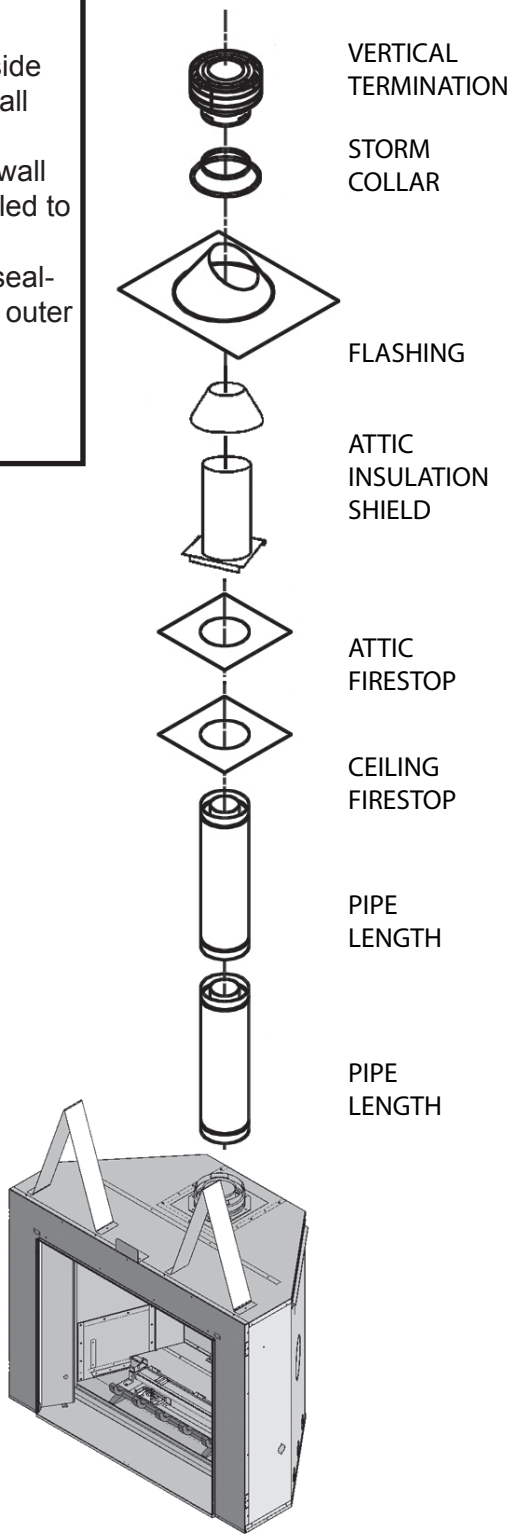
It is the installer's responsibility to ensure that vent installations through exterior walls are caulked and weatherproofed in such a manner as to:

- Prevent rain water from entering the wall from the weather side by adequately caulking the outer vent plate to the exterior wall surface.
- Prevent moisture inside the home from penetrating into the wall structure by ensuring the inside wall plate is adequately sealed to the inside vapor barrier.
- Prevent rain water and moisture from entering the walls by sealing the joints between the outer vent tube and the inner and outer wall plates.

We recommend the use of a high quality polyurethane sealant.

### Typical Venting Components



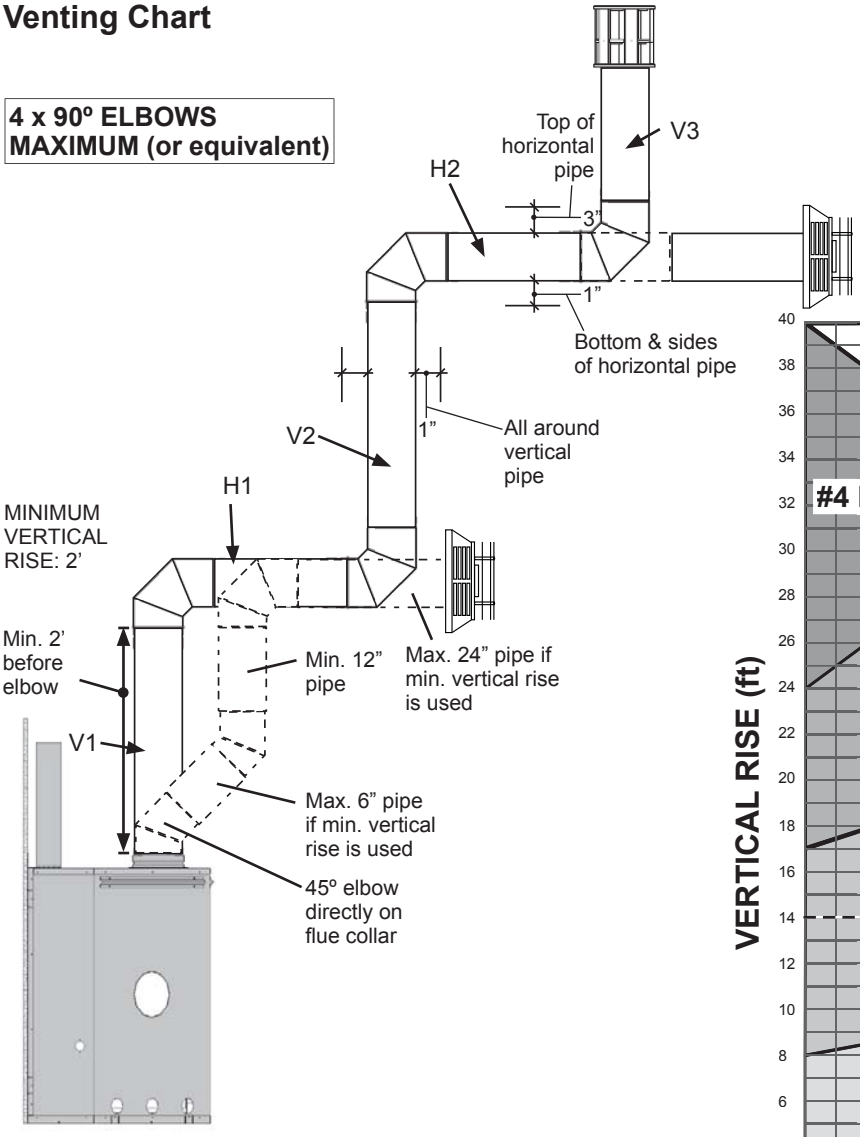



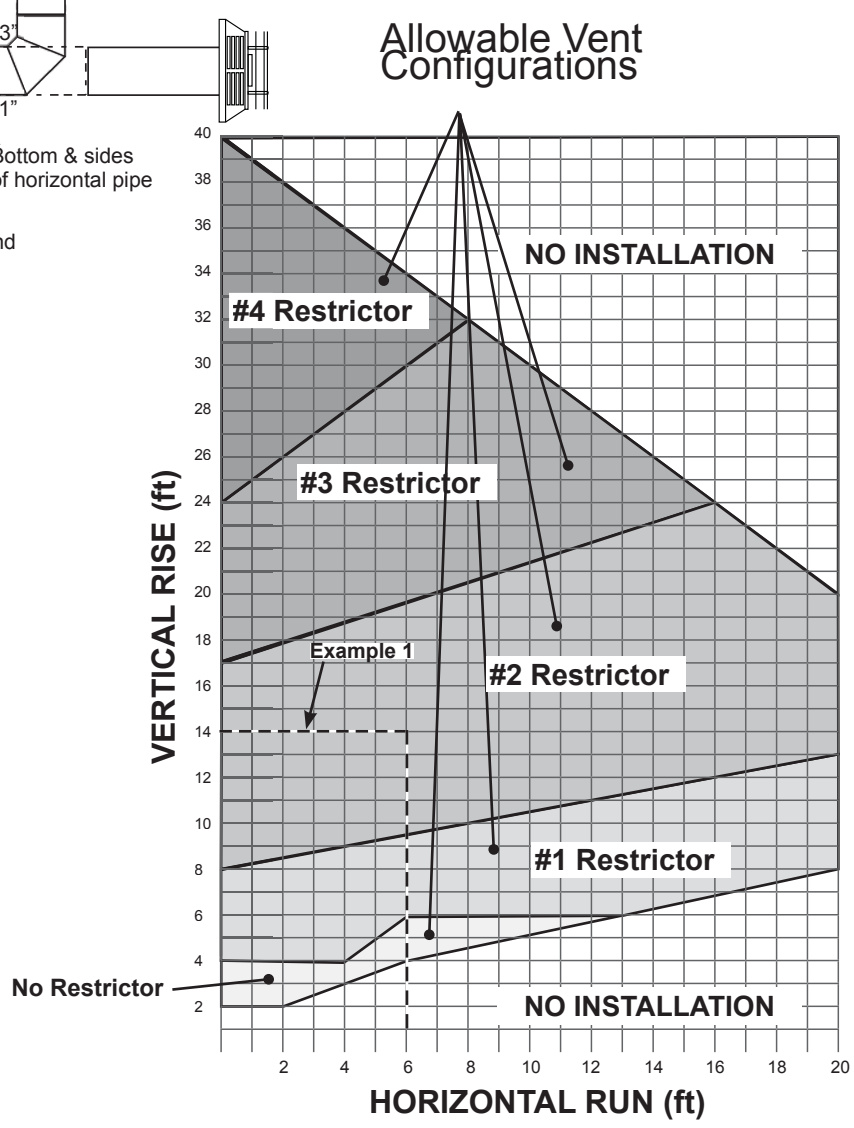
## How to Read the Venting Chart

The chart below applies to roof or wall termination.

1. The total length of the vent pipe cannot exceed 40 feet (12.2 m).
2. The minimum vertical height with roof termination is 6 feet (1.83 m).
3. Any combination of rise and run can be used as long as they are within the allowable limits shown on the chart below.
4. A maximum of 4 x 90 degrees elbows—or equivalent (2 x 45 degr. = 90 degr.)—can be used.
5. Each 90 degrees elbow installed on the horizontal plane is equivalent to a 3 feet horizontal pipe; therefore, 3 feet must be subtracted from allowable horizontal run (45 degrees elbow is equivalent to 18 inches horizontal pipe.)
6. All horizontal pipe runs must be graded 1/4 inch per foot upwards in the direction of the exhaust flow. The final pipe length, when terminating through the wall may be graded downwards slightly to prevent water migration.
7. A restrictor is required for many installations—see next section.

## Venting Chart



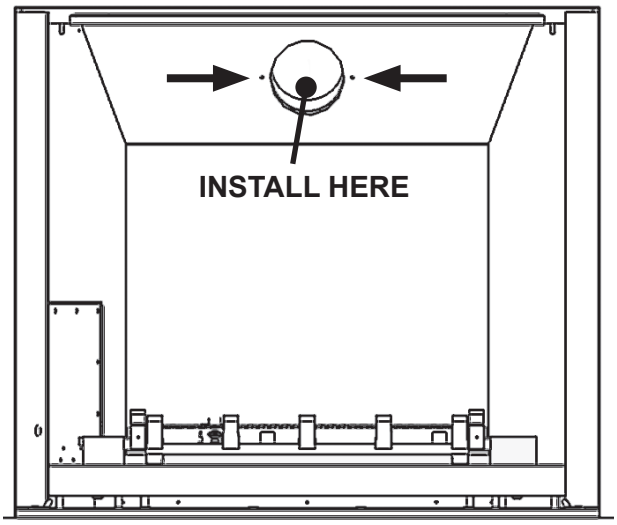




**Example 1**

**V Value = V1 (6') + V2 (6') + V3 (2')= 14'**
**H Value = H1 (3') + H2 (3') = 6'**
**#2 Restrictor position required**

## Restrictor

**MANY INSTALLATIONS REQUIRE A RESTRICTOR** for improved flame picture and performance, This unit is supplied with one restrictor having four different positions or settings. The level of restriction required depends on the vertical rise in the venting system and, to a lesser degree, the horizontal run and number of elbows.

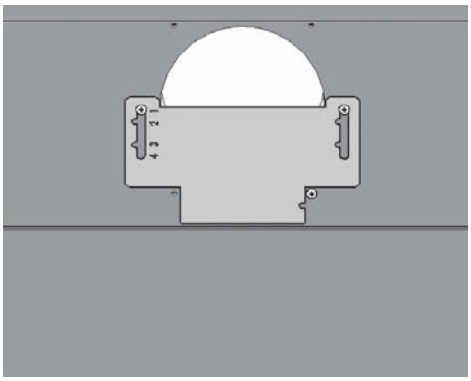



The amount of restriction is based on laboratory tests. The ideal restrictor position may vary slightly, especially when the vent pipe length is near the limits of the acceptable configurations for each type of restrictor.

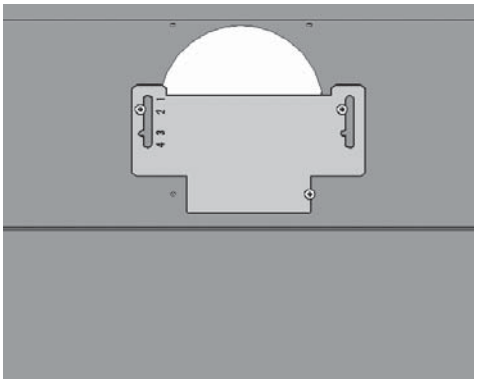
The chart on the previous page shows the vent restrictor required relative to the length of the vent pipe.

To install the restrictor:

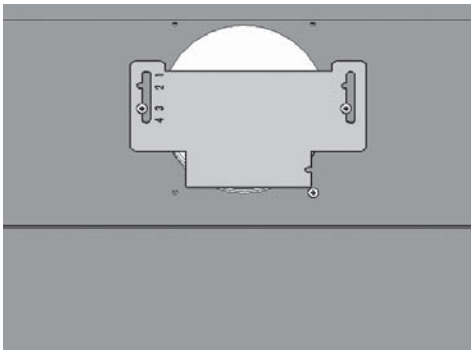
1. On an engine previously installed, open the panels on each side of the window. Remove the window skirt, the window, the logs, the right and rear top brick panels.
2. According to the installation, look up the venting chart on the previous page to know what position the restrictor should be fitted in.
3. Remove the screws (2) on each side of the **venting port in the firebox roof**.
4. Place the restrictor in the required position over the port aligning it with the two screw holes.
5. Fit the screws and tighten.
6. Continue the installation or, for an engine previously installed, replace the right and rear top brick panels, the logs, the window and the window skirt. Close the side panels.



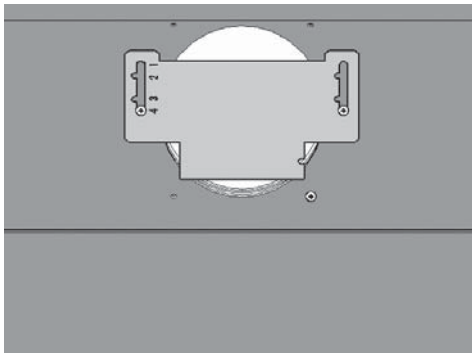
Position #1



Position #2



Position #3

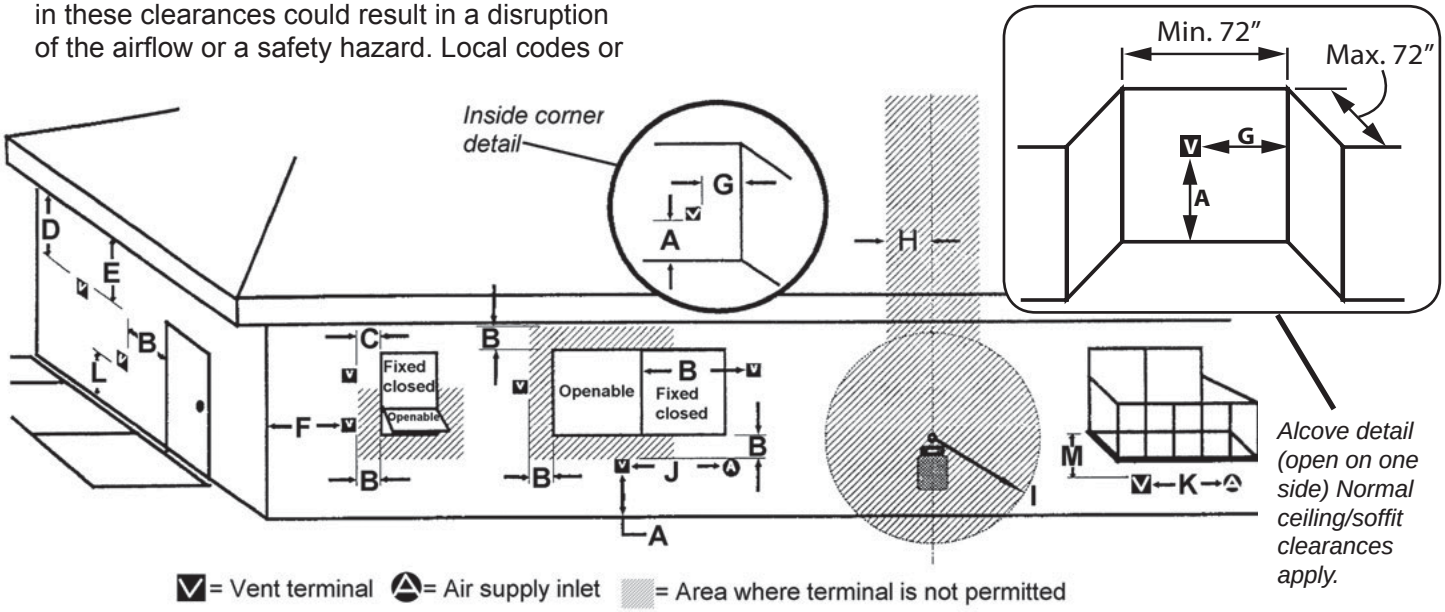


Position #4

# Co-axial Venting

## Vent Termination

- The vent terminal must be located on an outside wall or through the roof.
- This direct vent appliance is designed to operate when an undisturbed airflow hits the outside vent terminal from any direction.
- The minimum clearances from this terminal that must be maintained when located on an outside wall are shown in the figure below. Any reduction in these clearances could result in a disruption of the airflow or a safety hazard. Local codes or regulations may require greater clearances.
- The vent terminal must not be recessed into a wall or siding.
- The vent terminal should be positioned where it will not be covered by snowdrifts.
- Sidewall vent terminations within 7 feet of grade require a terminal guard such as the 845TG.




*Alcove detail (open on one side) Normal ceiling/soffit clearances apply.*

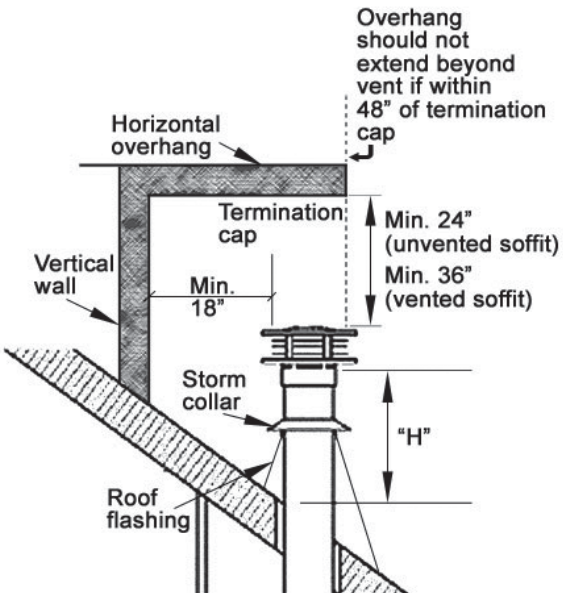
| KEY | VENT TERMINAL LOCATIONS - MINIMUM DISTANCES | MINIMUM CLEARANCE | |
|---|---|---|---|
| | | Inches | Cm |
| A | Clearance above grade, verandah, porch, deck or balcony | 12 | 30 |
| B | Clearance to window or door that may be opened | 12 | 30 |
| C | Clearance to permanently closed window (recommended to prevent condensation on window) | 12 | 30 |
| D | Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (60 cm) from the center-line of the terminal | 18 | 46 |
| E | Clearance to unventilated soffit | 12 | 30 |
| F | Clearance to outside corner | 12 | 30 |
| G | Clearance to inside corner | 12 | 30 |
| H | Horizontal clearance to center-line of meter/regulator assembly located within 15 feet (4,6 m) below the terminal | 36 | 90 |
| I | Clearance to service regulator vent outlet | 36 | 90 |
| J | Clearance to non-mechanical air supply inlet to the building or the combustion air inlet to any other appliance | 12 | 30 |
| K | Clearance to a mechanical air supply inlet | 72 | 180 |
| L | Clearance above paved sidewalk or a paved driveway located on public property<br>**Note**: *A vent must not terminate directly above a sidewalk or paved driveway, which is located between two single-family dwellings and serves both dwellings* | 84 | 210 |
| M | Clearance under a verandah, porch, deck or balcony<br>*Only permitted if veranda, porch, deck or balcony is fully open on a minimum of 2 sides beneath the floor* | 12 | 30 |

*Note: Local codes and regulations may require different clearances.*

# Co-axial Venting

## Vertical Vent Termination

| Roof Pitch | Minimum "H" (feet) |
|---|---|
| Flat to 7/12 | 1' |
| Over 7/12 to 8/12 | 1.5' |
| Over 8/12 to 9/12 | 2' |
| Over 9/12 to 10/12 | 2.5' |
| Over 10/12 to 11/12 | 3.25' |
| Over 11/12 to 12/12 | 4' |
| Over 12/12 to 14/12 | 5' |




# Co-Linear Venting

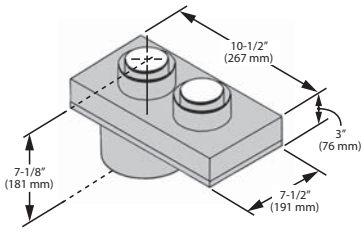
## Conversion to Co-Linear Liners using generic Co-Linear Adapters

*Co-linear portion of vent system may only be installed within a solid-fuel burning fireplace and chimney.*

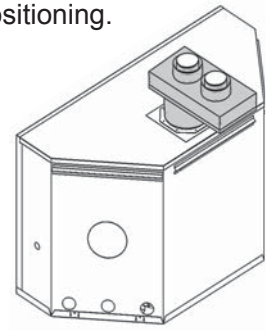
The appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance. Requires a Co-Axial to Co-Linear appliance Adapter, two lengths of 2-ply 3" dia. flexible chimney liner approved for venting gas appliances, a co-linear termination kit and flashing or a co-linear to co-axial adapter and either a high wind vertical vent terminal cap or a low profile vertical termination. *Firebox top zero clearance stand-offs supplied with the heater are not required for this application*.

## Rules for Co-Linear Venting

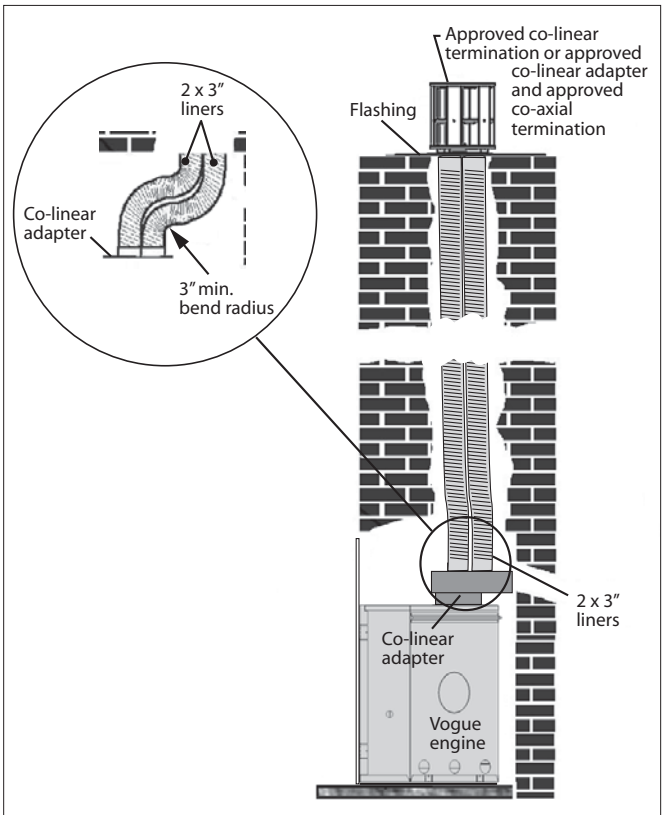
- Maximum 40 feet vertical pipe
- Minimum 10 feet vertical
- Maximum offset 8 feet with liners at minimum 45 degrees from horizontal plane
- Restrictor: Use #4 position for all co-linear installations—refer to page 31 for restrictor positioning.




Dura-Vent #46DVA-GCL
Co-Axial to Co-Linear Adapter



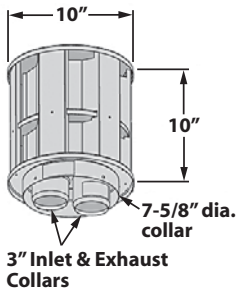
Ventana with co-linear adapter



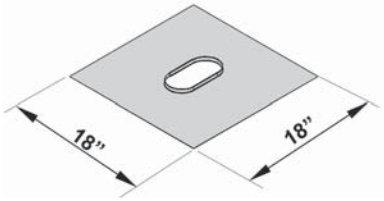

Co-Linear installation into existing F/P

# Co-Linear Venting

## Co-linear terminal configurations

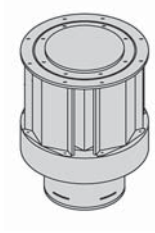



559CLT Co-Linear Terminal

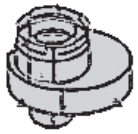



559FSK Flashing Kit

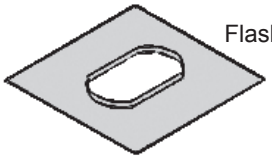
**Alternate to 559CLT/559FSK Conversion**



Terminal Cap



Co-Linear to Co-Axial Adapter



Flashing

# Installation Planning

## Installer—READ THIS FIRST

**Only qualified licensed or trained personnel should install this appliance.**

**BEFORE YOU START, YOU NEED TO KNOW FROM THE HOMEOWNER:**

- **The height of the floor or hearth finish;**
- **The thickness and type of the wall finish around the firebox opening;**
- **What accessories (surround, door, etc.) will be installed with this fireplace if any;**
- **The venting configuration.**

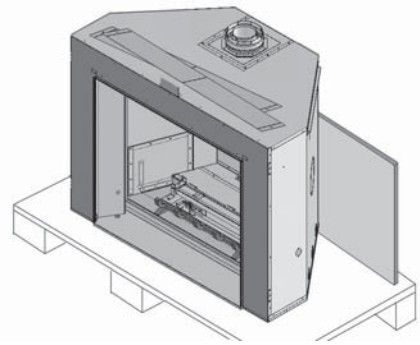
1. Unpack the appliance.
2. Check that you have everything.
3. Finish framing.
4. Fit appliance into framing.
5. Remove overlay, barrier screen bottom brackets and fix the appliance to the floor.
6. Reinstall overlay and screen bottom brackets.
7. Install venting system.
8. Install restrictor.
9. Connect and test gas supply.
10. Install bricks and logs.
11. Refit window.
12. Connect electrical wiring for decorative light.
13. Install optional wall switch if required.
14. Put batteries in receiver and remote control handset.
15. Perform initial remote control set-up.
16. Verify operation and adjust aeration settings.
17. Install the remote control handset wall holder.
18. **Instruct the homeowner on the operation and maintenance of the fireplace.**
19. Install the window skirt.
20. Install the control access doors.
21. Install the andirons and fret if required.
22. Finish the wall around the fireplace.
23. Install the surround/doors/mantel if required.
24. **Install the barrier screen.**

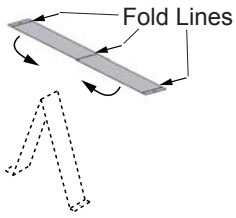
## Unpack the appliance

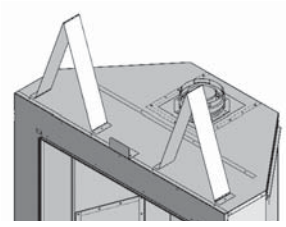
To assist you, we have included the cement and hearth insulation boards required in the installation. The boards need to be removed and reinstalled with care. Two of the boards are fixed temporarily to the back of the appliance for transportation purpose. When disassembling the crate into which the appliance is located, be careful not to damage these boards.

**Beware of sharp edges! Wear gloves!**

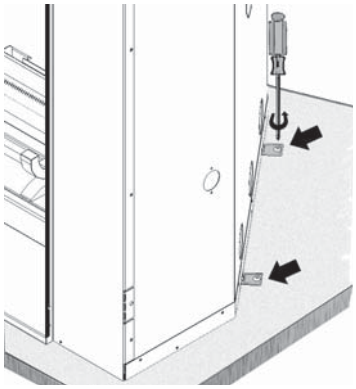
1. Remove the cardboard wrapping and the wood pallet from the appliance and discard.
2. Remove the cement board and hearth insulation board from the rear of the appliance and *set aside with screws* for future use.
3. Remove the cement boards from the front of the appliance and *set aside with screws* for future use. These boards must be removed to allow space to fix the fireplace to the framing through its four side tabs.
4. Unpack any loose items from around the appliance.
5. Remove the window and set aside in a safe place to avoid damage—see next page.
6. **Verify that you have all the components required for the installation, *including:***
   - ***brick panels (in separate carton);***
   - ***surround/doors/fret/andirons;***
   - ***venting components and accessories;***
   - ***electrical components for installation of the decorative light wall switch.***
7. The standoffs are supplied flat on the firebox and fixed at one end. Bend them as shown and fix the loose end to the top of the firebox.



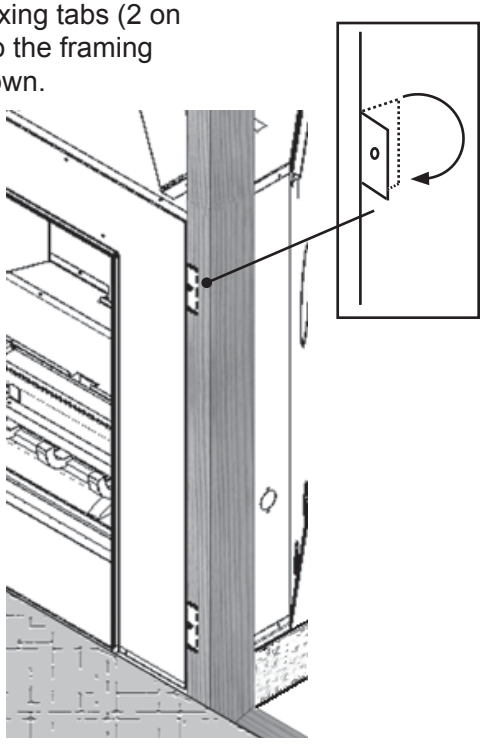


8. Remove the 4 screws retaining the engine to its pallet.



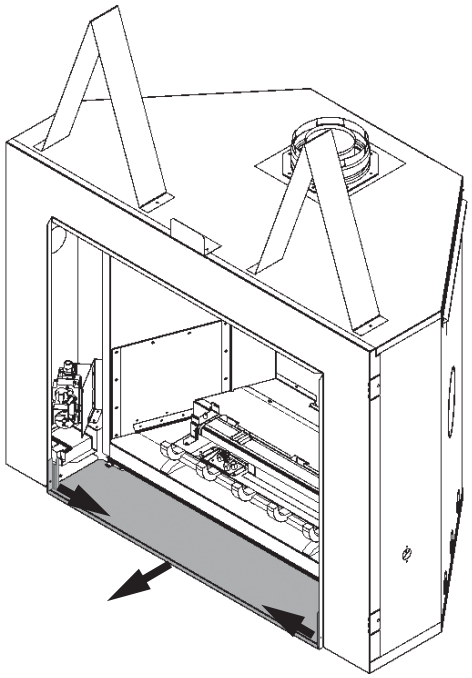
9. On each side of the appliance, bend out the 2 fixing tabs.
10. Taking great care not to cut your hands on the sheet metal edges, lift the appliance out of its packing base and place in the framing. *Make sure that the unit is at the right height with consideration to the trim and the height of the hearth or combustible flooring.*
11. Secure the fixing tabs (2 on each side) to the framing studs as shown.



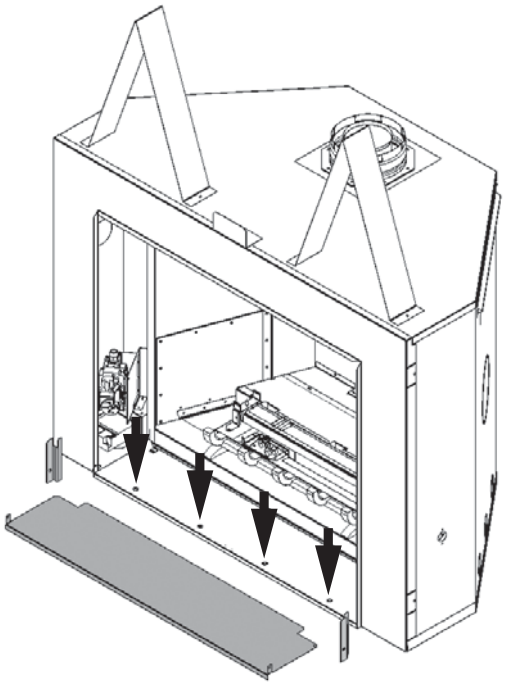
12. Re-install the cement boards on each side and on top of the firebox opening re-using screws removed in 2. and 3.
13. Incorporate the hearth insulation board in the construction of the hearth as required, following the guidelines provided in the *Hearth Requirements* section of this manual.

### Fix the appliance to the floor

1. Remove the front bottom overlay panel and the barrier screen lower brackets by removing 1 screw on each side and sliding the panel out from under the firebox.



2. Screw the appliance to the floor with 4 countersunk wood or cement screws (not provided).

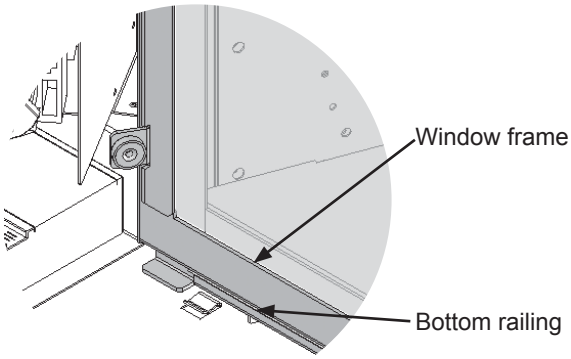


3. Reinstall the overlay panel sliding it in the clips under the edge of the firebox. Add the barrier screen brackets and fix them with the overlay back to the bottom sides of the opening frame with 1 screw on each side.

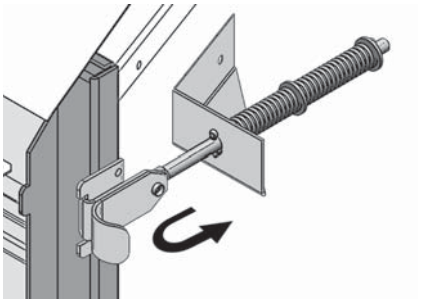
## Remove Window

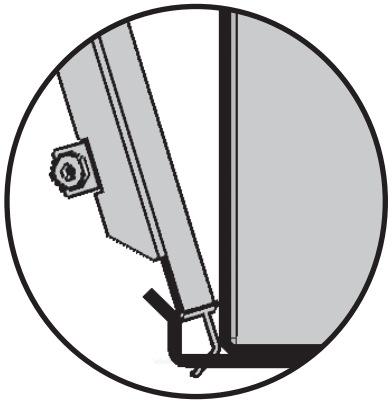
The window is held in place by a spring-loaded lever on each side.

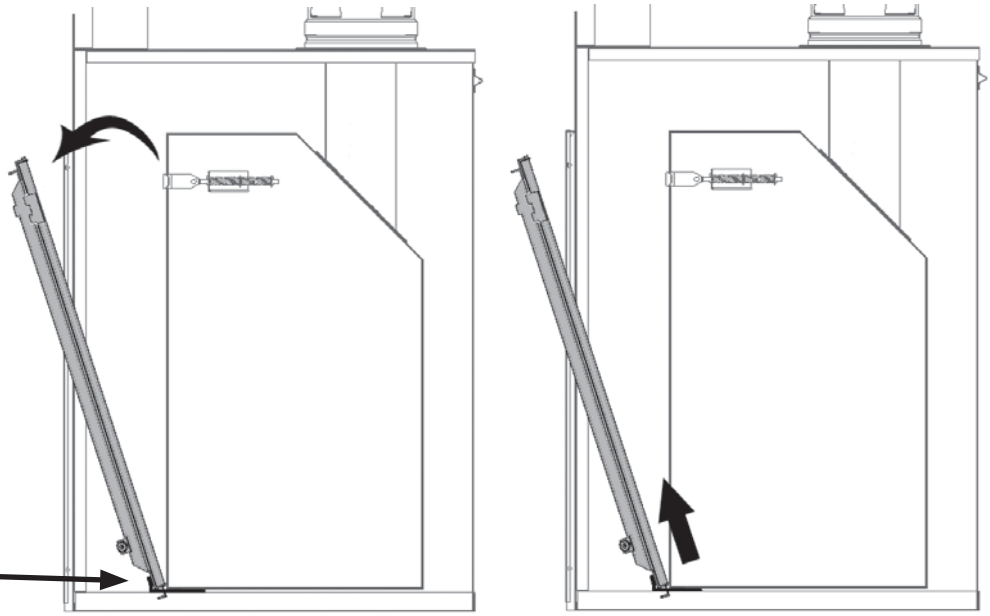
1. To remove the window, locate the levers on each side of the window towards the top. Using your finger, pull the lever towards you and unhook it from the window frame bracket.
2. Gently pull the top of the window outward.
3. Lift the window out of its bottom railing and set it aside in a safe place to avoid damage.




**Section Views**

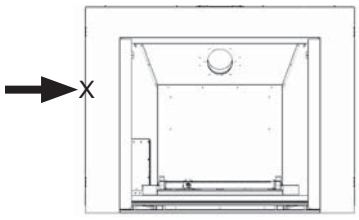






## Connect Gas Supply

The gas supply inlet connection is a 3/8 inch NPT male connector and is located on the left hand side of the firebox.




Use only new black iron or steel pipes or copper tubing if acceptable—check local codes. Note that in USA, copper tubing must be internally tinned for protection against sulfur compounds.

Unions in gas lines should be of ground joint type.

The gas supply line must be sized and installed to provide a supply of gas sufficient to meet the maximum demand of the appliance without undue loss of pressure.

Sealant used must be resistant to the action of all gas constituents including LP gas. Sealant should be applied lightly to male threads to ensure excess sealant does not enter gas lines.

# Installation

The unit is supplied with a stainless steel flex line to allow the appliance to be disconnected for service. The flex line is supplied loose to avoid damage during shipping. Connect the flex to the appliance valve as shown below. An individual shut-off valve (not supplied) is required on the supply line ahead of the flex connector.

Pressure test the supply line for leaks.

The appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).

Failure to either disconnect or isolate the appliance during pressure testing may result in regulator or valve damages and void the warranty. Consult your dealer in case of damages.

## Pressure Test Points

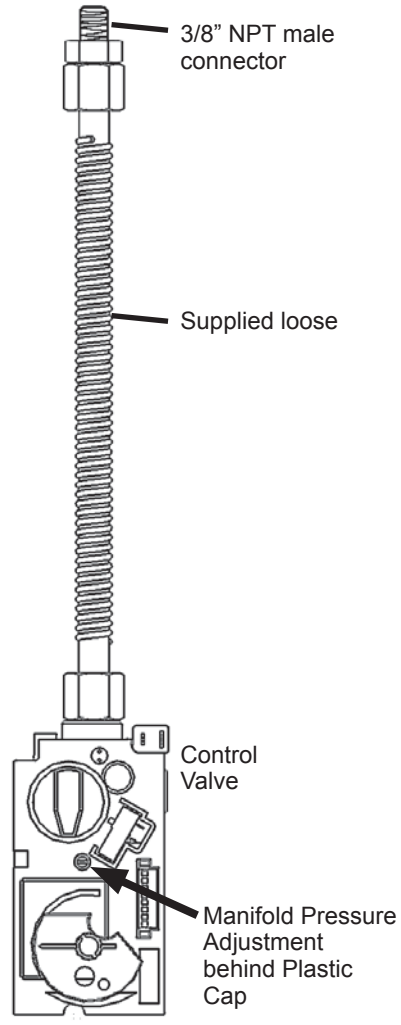
The minimum supply pressure is given in the section *Specifications* of this manual—page 19.

All piping and connections must be tested for leaks after installation or servicing. All leaks must be corrected immediately.

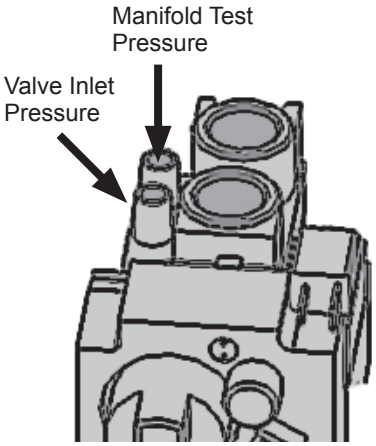
When testing for leaks:

- Make sure that the appliance is turned off.
- Open the manual shut-off valve.
- Test for leaks by applying a liquid detergent or soap solution to all joints. Bubbles forming indicate a gas leak.
  **Never use an open flame to check for leaks.**
  **Correct any leak detected immediately.**

The pressure test tapping locations are shown in the figures on the right. An internal regulator within the valve controls the burner manifold pressure. The correct pressure range is shown in the table in section *Specifications* of this manual on page 19. The pressure check should be made with the burner alight and at its highest setting. See *Lighting Instructions* section for full operating details on page 16.



Valve Assembly

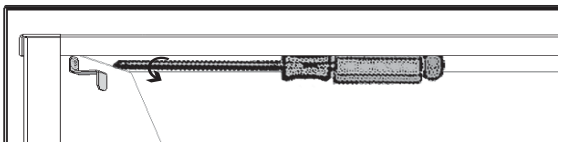


Pressure Testing

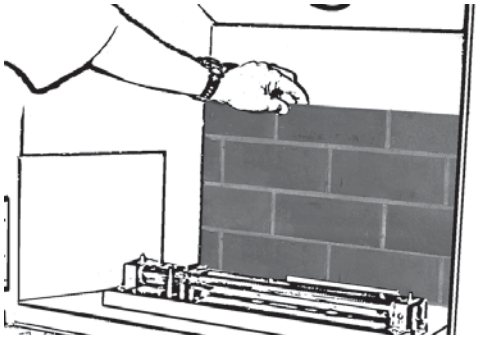
## Install Liners

The following guidelines apply for all brick liners.

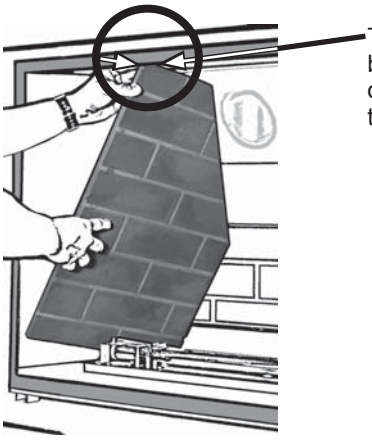
1. Inside the firebox, on the top of each side, release the screw of the side brick anchors (one per side).



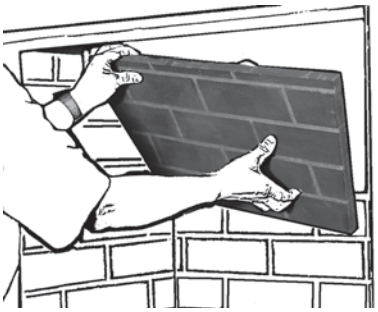
2. Place the rear panel against the back of the firebox, behind the retainer at bottom.



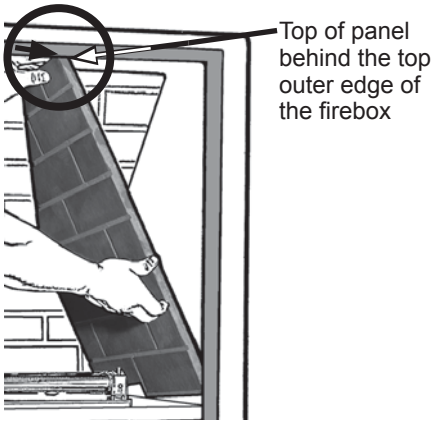
3. Hold the left hand side panel at an angle and insert it totally inside the firebox, **behind the top outer edge of the firebox**. This will greatly facilitate the installation. Slide the bottom first and then the top against the side of the firebox. Rotate the side brick anchor to hold the panel in place.



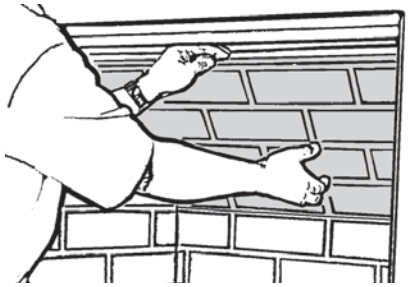

4. Place the top panel over the top edge of the rear and side panels. Leave the panel to balance there until right hand side panel is installed.



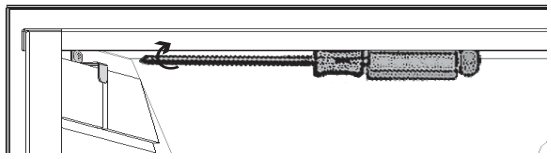
5. Hold the right hand side panel at an angle and insert it totally inside the firebox, **behind the top outer edge of the firebox**. This will greatly facilitate the installation. Slide the bottom first and then the top against the side of the firebox. You may have to lift the top panel slightly to avoid scratching it. Rotate the side brick anchor to hold the panel in place.




6. Make any adjustment by moving the rear top panel slightly.



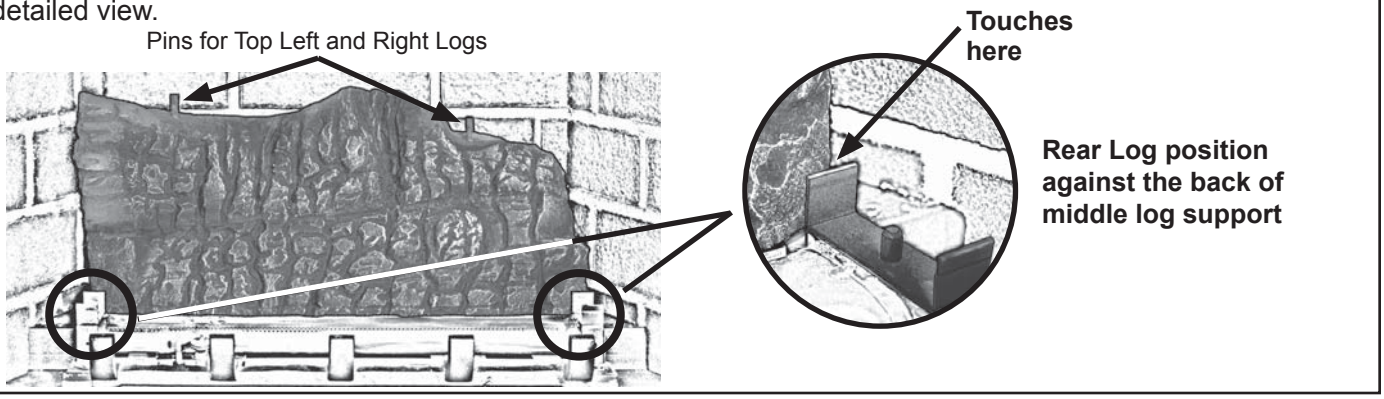
7. Tighten the side brick anchors on each side of the firebox.



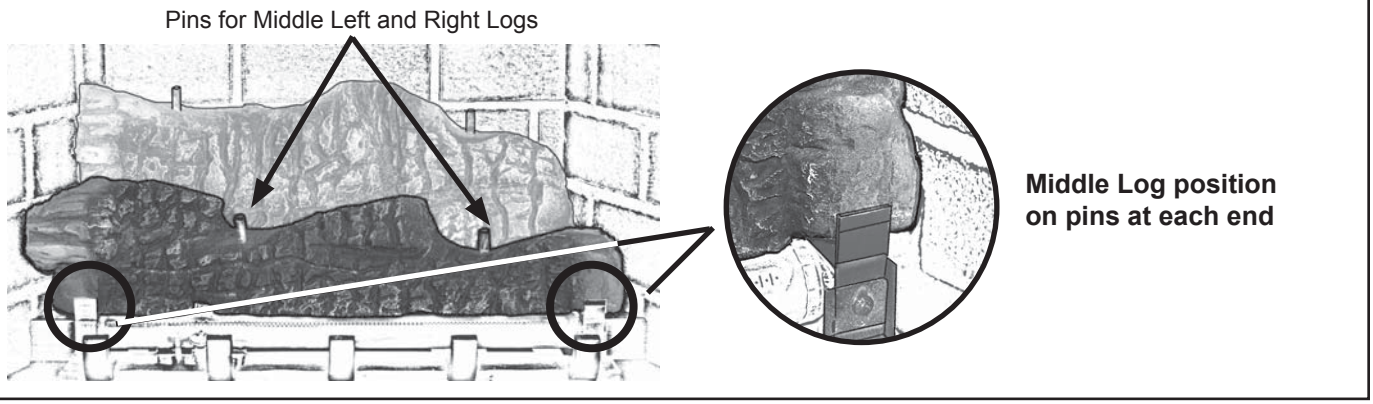
## Install Ceramic Logs

The ceramic logs are supplied in two packages. Unpack them very carefully to avoid damaging the fragile material. Install the logs as shown below. Please note that **the position of the Logs is critical to insure proper performance of the appliance.**

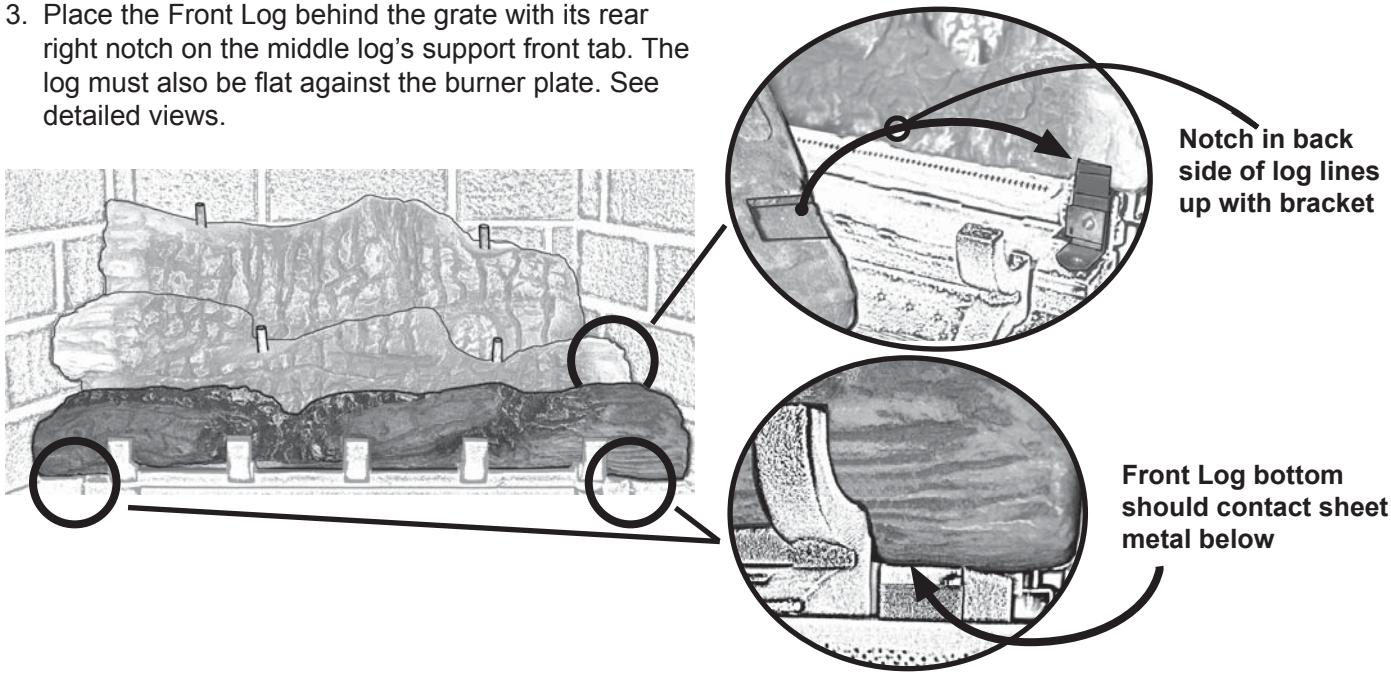
1. Place the Rear Log on the rear log support behind the burner. Pull log forward until it contacts at ends. See detailed view.



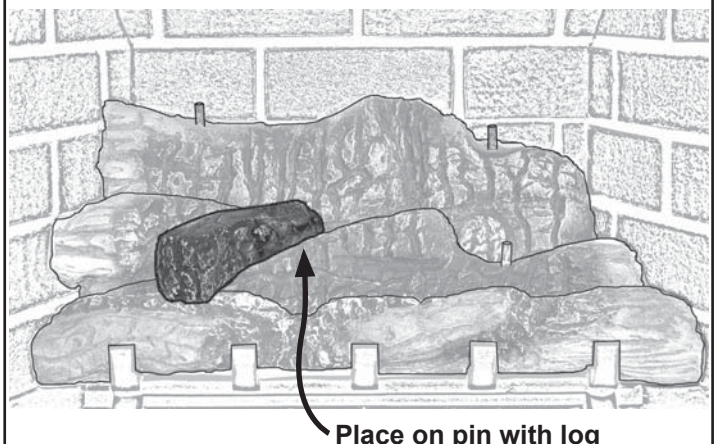

2. Place the Middle Log on the pins of the middle log support on the burner. Move the log slightly forward so it sits against the front tabs of the log support. See detailed view.



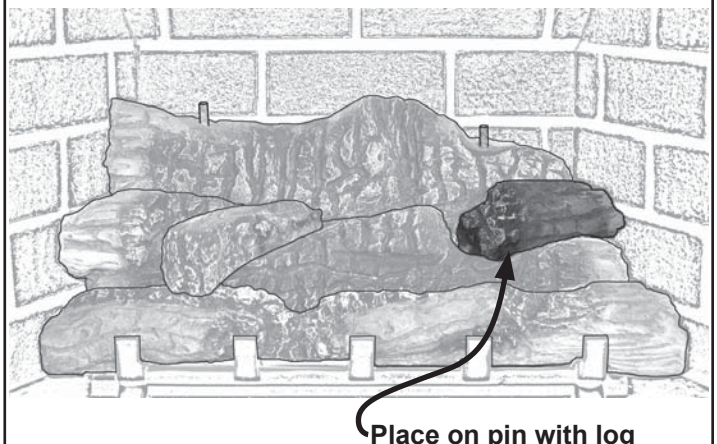

3. Place the Front Log behind the grate with its rear right notch on the middle log's support front tab. The log must also be flat against the burner plate. See detailed views.



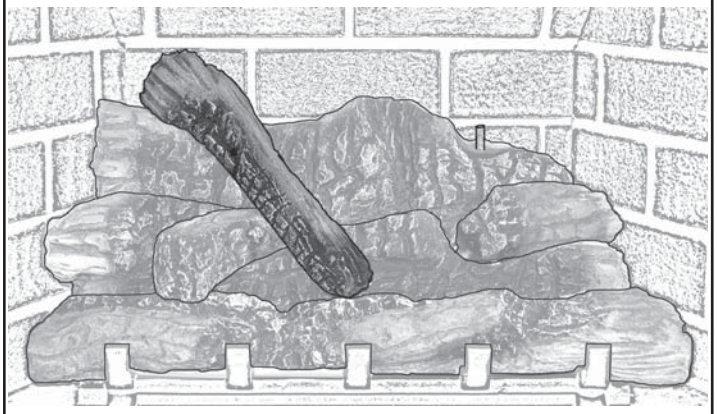
4. Place the narrow end of the Middle Left Log on the left pin of the middle log with its wider end resting on the front log.




5. Place the charred end of the Middle Right Log on the right pin of the middle log with its lighter end resting on the notch on the far right of the rear log.




6. Place the Top Left Log on the left pin of the rear log with its end resting on the middle left and front logs.

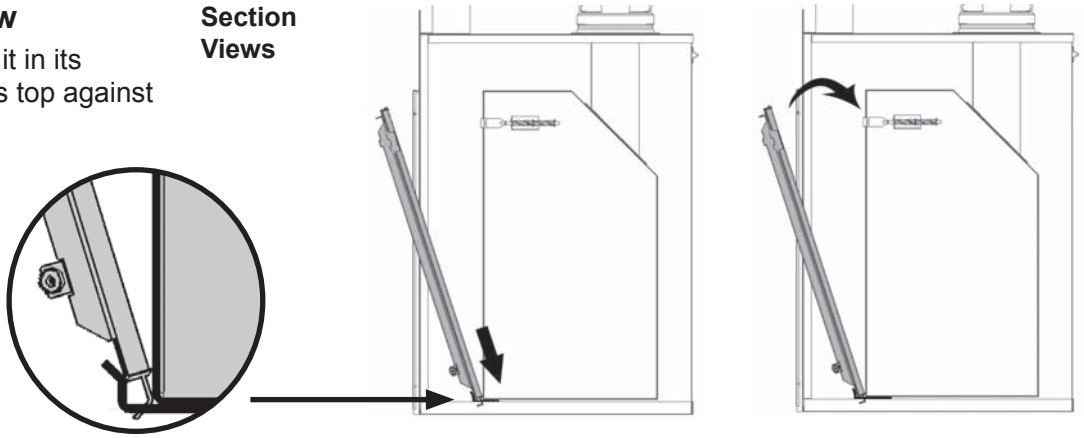


7. Place the Top Right Log on the right pin of the rear log with its narrow end resting on the middle and the middle right logs.

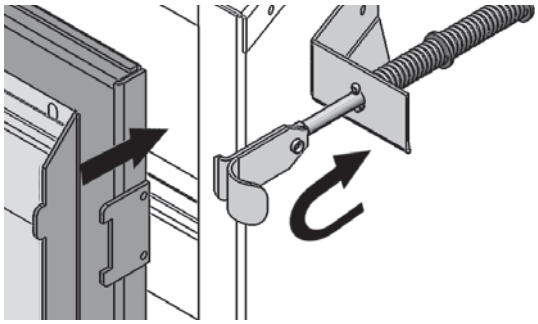
## Refit and Check Window

1. To refit the window, place it in its bottom railing and push its top against the firebox.

**Section Views**

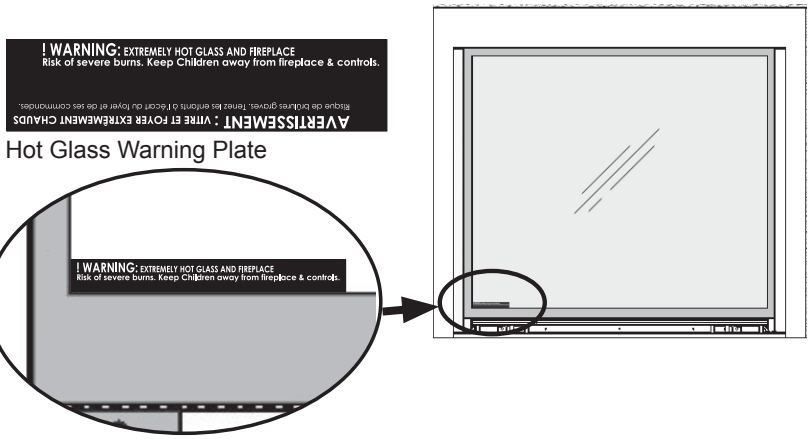


2. While you hold it, pull the side levers back into the window brackets on each side.
3. Pull out the top of the window and release it to insure the springs return it.
4. Apply light hand pressure against the window frame sides to bed-in the window seal.To refit the window, place it in its bottom railing and push its top against the firebox.
5. While you hold it, pull the side levers back into the window brackets on each side.
6. Pull out the top of the window and release it to insure the springs return it.



**IMPORTANT:** To ensure a safe operation, ensure that the spring-loaded mechanism functions properly.

7. Apply light hand pressure against the window frame sides to bed-in the window seal.
8. **If the Hot Glass Warning plate has been removed from the front lower corner of the window, reinstall it by sliding it between the glass and the frame as indicated.**


! WARNING: EXTREMELY HOT GLASS AND FIREPLACE
Risk of severe burns. Keep Children away from fireplace & controls.
AVERTISSEMENT : VITRE ET FOYER EXTRÊMEMENT CHAUDS
! WARNING: EXTREMELY HOT GLASS AND FIREPLACE
Risk of severe burns. Keep Children away from fireplace & controls.

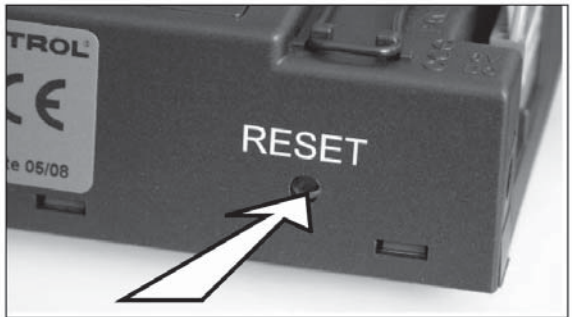
Hot Glass Warning Plate

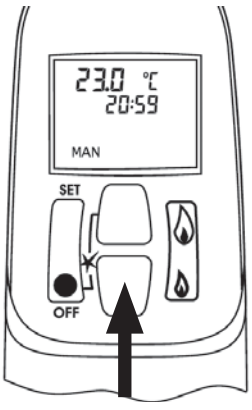
## Synchronize Remote Control

The receiver and the handset of the remote control system must be initially synchronized before the first use.

1. Insert alkaline batteries in the remote control receiver and handset. The receiver is located left of the firebox.
2. With a sharp object, press and hold the receiver's reset button until you hear one short and one long beeps. Release the reset button after the second beep.
3. Within the subsequent 20 seconds, press the small flame button ( ) on the remote handset until you hear two short beeps confirming the sychronization is set.

This is a one time setting only and is not required when changing the batteries in the remote receiver. The remote control system is now ready to use.



## Install Electrical Components for Decorative Lighting

### Wall Dimmer Switch

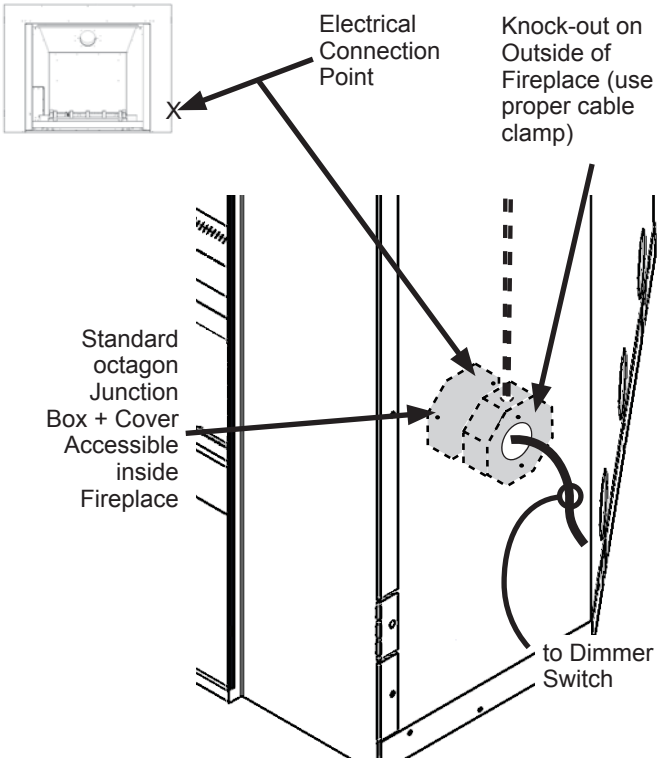
**The electrical installation must be performed by a qualified installer and must be electrically wired and grounded** in accordance with local codes, or, in the absence of local codes, with the *National Electrical Code, ANSI/NFPA 70* or the *Canadian Electrical Code, CSA C22.1*.

The fireplace is equipped with a decorative light located in front of and above the window. The light is pre-wired to a junction box on the right hand side, inside the fireplace. A switched power supply to the knock-out on the right hand side is required to complete the installation. A dimmer is recommended—see specifications below.*

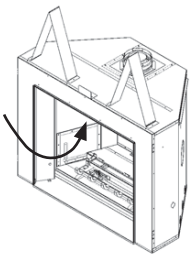
1. Turn the power off at the fuse box.
2. Decide where the dimmer will be located. If you are not sure, check with the homeowner.
3. Install the outlet box and connect the dimmer to the electrical wiring (all components—not supplied—available from your local electrical hardware store).
4. Locate the electrical wire in the junction box inside the firebox outer lining, on the right hand side. Remove its cover.
5. Run the electrical wires from the dimmer and thread it through the knock-out of the firebox to the junction box.
6. In the junction box, hardwire the harness to the electrical wire. Refit the junction box cover. Outside the firebox, fit a cable clamp.
7. Fit the cover plate to the wall (not supplied).

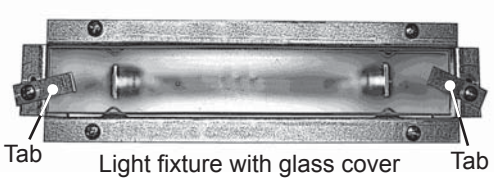
### Fitting the Decorative Light bulb

1. Locate the decorative light fixture inside the firebox top, just in front of the window.
2. Loosen the screws of the tabs located on each side of the decorative light fixture.
3. While holding the glass cover, turn on of the retaining tabs to free the glass.
4. With a gloved hand, take the halogen light bulb from its packaging and insert in the light fixture.
5. Turn the power back on at the fuse box.
6. Turn on the dimmer switch to ensure good function and then, turn it off.
7. Put the glass cover back in place and, while holding it, turn the retaining tabs back to cover the glass edges.
8. Tighten the tabs screws.

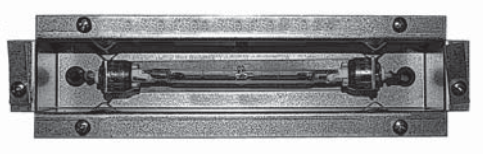

Electrical Connection Point
X
Knock-out on Outside of Fireplace (use proper cable clamp)
Standard octagon Junction Box + Cover Accessible inside Fireplace
to Dimmer Switch

*** Recommended Dimmer Switch (not supplied):**
**Switch Type: Single-Pole**
**Type: Electro-Mechanical none preset or Preset**
**Load Rating: 600W**
**Voltage: 120 Volt AC 60 Hz**
**Action: Standard ON/OFF**
**Protection: Radio/TV Filter**
**Standards and Certifications: UL/CSA**





Light fixture with glass cover


Light fixture without glass cover

100W Halogen Light Bulb (119mm)

## Check Operation

Turn the fireplace flame up and down using the remote control to confirm that the full range of inputs is achieved—see the remote control operation instructions on pages 11–15.

## Adjust Aeration (if necessary, NG units only)

(LPG units do not have any primary air adjustment.) Light the fire and allow the unit to warm up for 10–15 minutes to evaluate the flame picture. Natural gas burners are equipped with an adjustable shutter to control primary aeration. See the figures below. The shutter is factory-set to an aeration gap which will give optimum performance for the vast majority of installations.

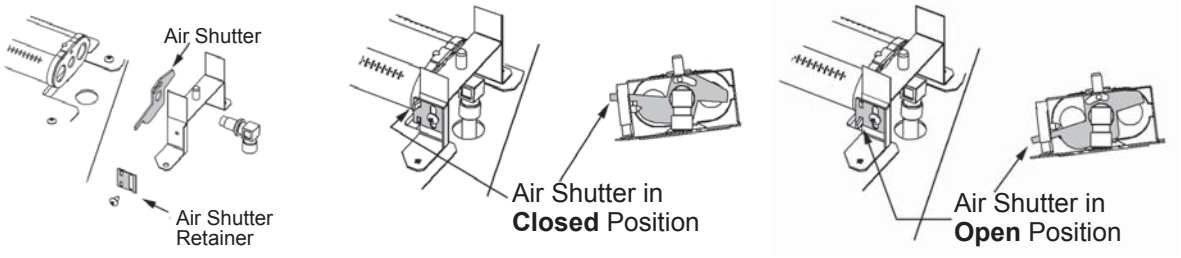
In a few unusual installations, the flame picture may be improved by adjusting the aeration. The need for adjustment should be determined only by operating the appliance with the ceramic logs and window installed.

**Increasing aeration** will cause the flames to appear more transparent and blue showing more ceramic log glow.

**Decreasing aeration** will cause the flames to appear more yellow or orange showing less ceramic log glow.

***Too little aeration may result in black carbon forming and dropping into the firebox.***

## Air Shutter (NG units only)

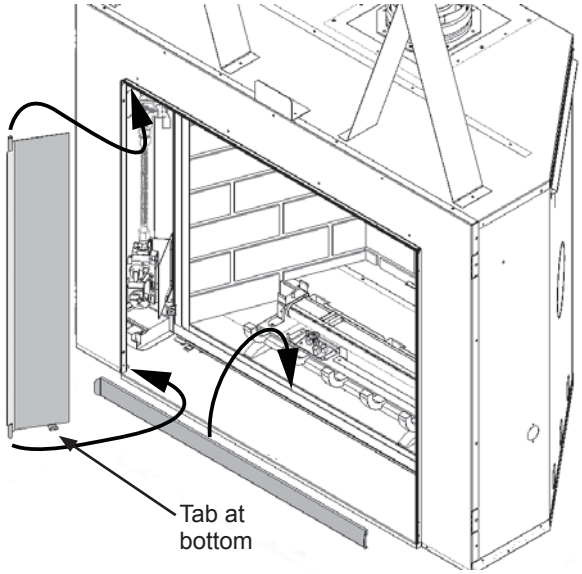



## Install Window Skirt and Side Doors

The fireplace comes equipped with a window skirt to hide the underside of the firebox and two side steel doors to hide the gas and electrical controls.

1. To install the window skirt, simply hook it to the bottom frame of the window as indicated.
2. Sort the left hand side and the right hand side doors—the tab to open the door should be towards the outside at the bottom.
   Take one door and locate the top hinge pin in the holed bracket located inside the top front of the outer firebox liner.
3. Slide the door up as much as possible and fit the lower hinge pin in the bottom hole.
4. Repeat with the other door.

The doors should be maintained closed by a magnet on each side of the window frame.

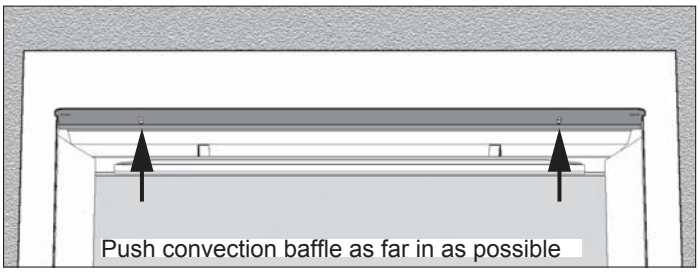


## Install Barrier Screen to the Appliance

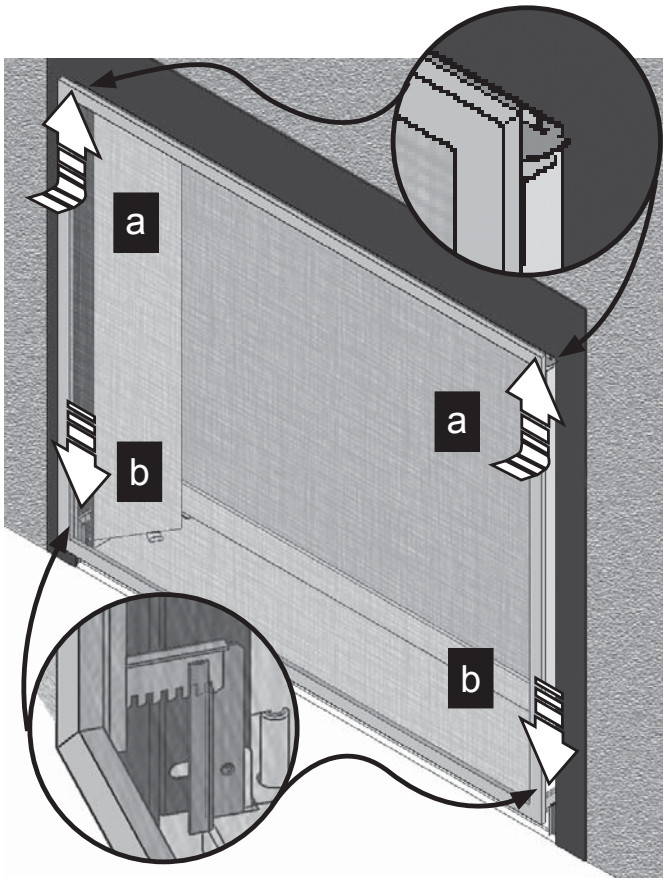
A barrier screen is supplied with this appliance to install in front of the window. The barrier screen is designed specifically to prevent any contact with the glass of the fireplace which becomes hot during operation and remains hot when cooling.

**To install the screen:**

1. Once the trim is installed on the fireplace or the wall finish is done around the opening of the fireplace, adjust the convection baffle at the top of the opening of the fireplace by releasing the two screws holding it and pushing it as far in as possible. Tighten the screws.



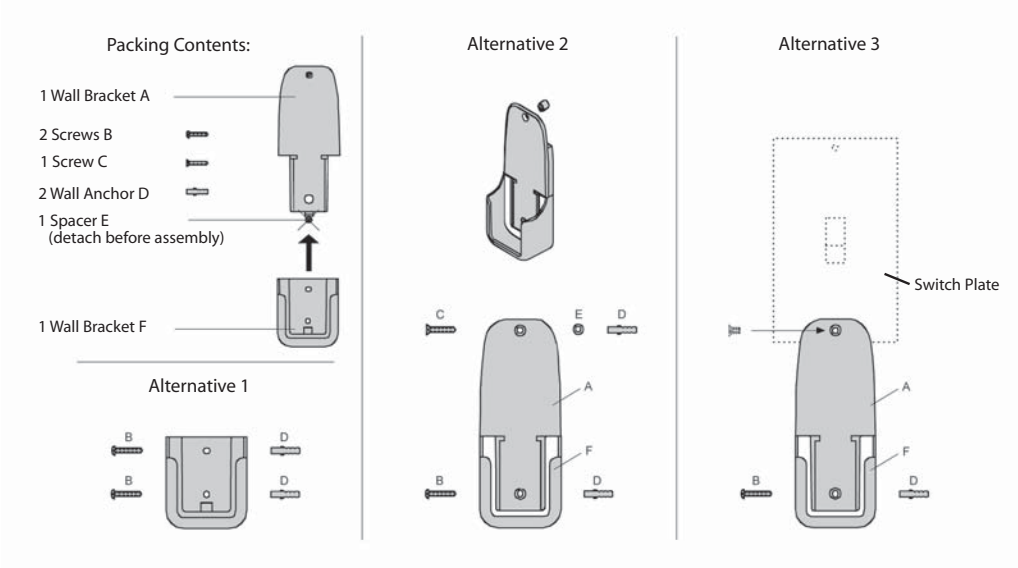

2. Hook the barrier screen's top tabs in the slots of the convection baffle (a).
3. Push the screen up and hook the bottom serrated tabs to the brackets at the bottom of the fireplace opening (b).




## Install Handset Wall Holder

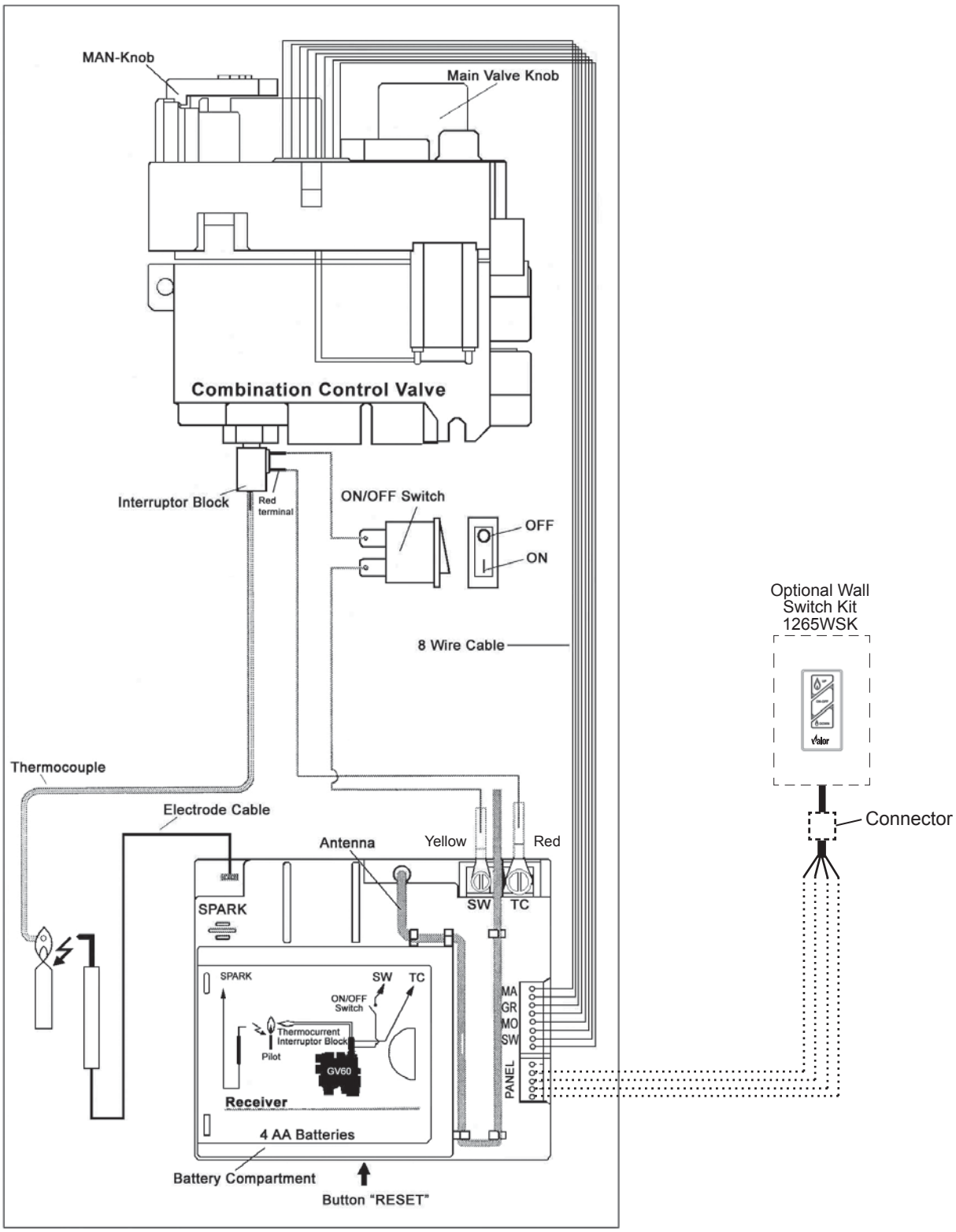
The remote control kit for this fireplace comes complete with a wall-mounted holder. This holder is not required in all installations but is provided as an optional feature for those customers who wish to mount the remote handset to the wall.

To install the holder to the wall, find a convenient location and use the hardware provided with the kit. See the diagram below for required hardware and configurations. Note that the holder can be installed at the base of a light switch plate.




**IMPORTANT**. The location of the remote control handset is important to assure proper temperature regulation. To obtain a constant temperature, we recommend that the handset should be between 3 and 15 feet away from the appliance **but not directly above it**. We also advise that the handset should be located away from any other heat source and not in direct sunlight as this may affect the temperature sensor located in the remote handset.

# Wiring Diagram




**GV60 Wiring Diagram**

# Approved Venting Components

## Approved Direct Vent Suppliers for Valor Models 1100, 1150, 1200[5], 1500, 1600[5] and 1700[6]

| Venting Parts Description | | | Venting Parts Code / availability by Manufacturer | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | DURA-VENT | SELKIRK | ICC EXCEL DIRECT | SECURE VENT | RLH INDUSTRIES | AMERIVENT | MILES INDUSTRIES | BDM |
| Termination Caps | Horizontal | Standard Co-axial | 46DVA-HC | 4DT-HC | TM-4HT | — | — | 4DHC round | 658DVK2 | 940160 |
| | | Deluxe Co-axial | — | — | TM-4DHT | — | — | 4DHCS square | — | 940160 |
| | | High Wind Co-axial | — | — | — | SV4CHC | — | — | — | — |
| | Vertical | Standard Co-axial | 46DVA-VC | 4DT-VC | TM-4VT | — | HSDV4658-1313 | 4DVC | — | 940264 |
| | | | | | | | | 4DH-1313 | | 940364 |
| | | | | | | | | — | | 940206LP |
| | | High Wind Co-axial | 46DVA-VCH | — | — | SV4CGV | — | — | — | — |
| | | Extended Co-axial | 46DVA-VCE | — | — | — | — | — | — | — |
| | | Co-linear | 46DVA-CL33 | — | — | 3PDVCV | HS-C33U-99 | HCL-99-33 | 559CLT | 940033B |
| | | | 46DVA-CL33H | | | | | | | 940034B |
| | | | 46DVA-CL34 | | | | HS-C33F-1313 | HCL-913-33 | | 940033HWS |
| | | | 46DVA-33P | | | | | HCL-1313-33 | | 940033RD |
| | | | 46DVA-CL34P | | | | | | | |
| | Snorkel, 14" Rise | | 46DVA-SNK14 | 4DT-ST14 | TM-4ST14 | — | — | 4D14S | — | 94040614 |
| | Snorkel, 36" Rise | | 46DVA-SNK36 | 4DT-ST36 | TM-4ST36 | — | — | 4D36S | — | 94040636 |
| Vent Adapters / Couplers | Universal Adapter 3" Flex Coupler | | 2150 | — | TM-CFAA3 | — | — | — | — | 95090390 |
| | Co-linear Flex Connector | | 46DVA-ADF | — | — | — | — | — | — | — |
| | Co-axial-to-Co-linear Adapter | | 46DVA-GCL[6] | — | TM-4CAA[6] | — | — | 4DCAB33[6] | 1156CLA[5, 6] | 940106433[6] |
| | Co-linear-to-Co-axial Adapter | | 46DVA-GK | — | TM-4CTA | — | — | 4DCAT33 | — | — |
| Aluminum Flexible Liner | 3" or 4" diameter | | NOTE: 2-ply liner approved to CAN/ULC S635 suitable for venting gas appliances. As manufactured by Z-Flex, Flexmasters or others. | | | | | | | |
| | | | 2280 Series | AF3-35L | — | — | — | — | — | 952703 |
| | | | | | | | | | | 952704 |
| Adjustable Pipe Length 4" x 6-5/8" | 4" to 10" | Galvanized | — | 4DT-ADJ | — | — | — | 4D7A or 4D7AB (3" to 5") | — | 94610608 (4" to 8-1/2") |
| | | Black | | 4DT-ADJ(B) | | | | | | |
| | 1-1/2" to 6" | Galvanized | — | — | — | SV4LA | — | 4D12A or 4D12AB (3" to 10") | — | 94610616 (4" to 16") |
| | | Black | | | | SV4LBA | | | | |
| | 1-1/2" to 12" | Galvanized | — | — | TC-4DLT | SV4LA12 | — | 4D16A or 4D16AB (3" to 14") | — | — |
| | | Black | | | TC-4DLTB | SV4LBA12 | | | | |
| | 1-1/2" to 24" | Galvanized | — | — | — | SV4LA24 | — | 4D26A or 4D26AB (3" to 24") | — | — |
| | | Black | | | | SV4LBA24 | | | | |
| DV 45° Elbows | Galvanized | | 46DVA-E45 | — | TE-4DE45 | — | — | 4D45L | — | 94620645 |
| | Black | | 46DVA-E45B | — | TE-4DE45B | SV4EBR45 | | 4D45LB | — | 94620645B |
| | Galvanized Swivel | | — | 4DT-EL45 | — | SV4E45 | — | — | — | — |
| | Black Swivel | | | 4DT-EL45(B) | | SV4EB45 | | | | |
| DV 90° Elbows | Galvanized | | 46DVA-E90 | — | TE-4DE90 | — | — | 4D90L | — | — |
| | Black | | 46DAV-E90B | — | TE-4DE90B | SV4EBR90 | | 4D90LB | — | — |
| | Galvanized Swivel | | — | 4DT-EL90 | — | SV4E90 | — | — | — | 94620690 |
| | Black Swivel | | — | 4DT-EL90(B) | | SV4EB90 | | | | 94620690B |

# Approved Venting Components

| Venting Parts Description | | | Venting Parts Code / availability by Manufacturer | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | DURA-VENT | SELKIRK | ICC EXCEL DIRECT | SECURE VENT | RLH INDUSTRIES | AMERIVENT | MILES INDUSTRIES | BDM |
| Pipes 4" x 6 5/8" ( ID x OD ) | 6" long | Galvanized | 46DVA-06 | 4DT-06 | TC-4DL6 | SV4L6 | — | — | — | 94610606 |
| | | Black | 46DVA-06B | 4DT-06(B) | TC-4DL6B | SV4LB6 | | | | 90410606B |
| | 7" long | Galvanized | — | — | — | — | — | 4D7 | — | — |
| | | Black | | | | | | 4D7B | | |
| | 9" long | Galvanized | 46DVA-09 | 4DT-09 | — | — | — | — | — | 94610609 |
| | | Black | 46DVA-09B | 4DT-09(B) | | | | | | 94610609B |
| | 12" long | Galvanized | 46DVA-12 | 4DT-12 | TC-4DL1 | SV4L12 | — | 4D12 | — | 94610612 |
| | | Black | 46DVA-12B | 4DT-12(B) | TC-4DL1B | SV4LB12 | | 4D12B | | 94610612B |
| | 18" long | Galvanized | 46DVA-18 | 4DT-18 | — | — | — | — | — | 94610618 |
| | | Black | 46DVA-18B | 4DT-18(B) | | | | | | 94610618B |
| | 24" long | Galvanized | 46DVA-24 | 4DT-24 | TC-4DL2 | SV4L24 | — | 4D2 | — | 94610624 |
| | | Black | 46DVA-24B | 4DT-24(B) | TC-4DL2B | SV4LB24 | | 4D2B | | 94610624B |
| | 36" long | Galvanized | 46DVA-36 | 4DT-36 | — | SV4L36 | — | 4D3 | — | 94610636 |
| | | Black | 46DVA-36B | 4DT-36(B) | | SV4LB36 | | 4D3B | | 94610636B |
| | 48" long | Galvanized | 46DVA-48 | 4DT-48 | TC-4DL4 | SV4L48 | — | 4D4 | — | 94610648 |
| | | Black | 46DVA-48B | 4DT-48(B) | TC-4DL4B | SV4LB48 | | 4D4B | | 94610648B |
| Flashings | Roof Flashing 0/12-6/12 | | 46DVA-F6 | 4DT-AF6 | TF-4FA | SV4FA | — | 4DF (0/12-5/12) | — | 949606012 |
| | Roof Flashing 7/12-12/12 | | 46DVA-F12 | 4DT-AF12 | TF-4FB | SV4B | — | 4DF12 (6/12-12/12) | — | 949606712 |
| | Flat Roof Flashing | | 46DVA-FF | — | TF-4F | SV4F | — | — | 559FSK | 949606001 |
| | Masonry Flashing | | — | — | TF-4MF | — | — | — | — | — |
| Various Venting System Parts | Wall Thimble | | 46DVA-WT | 4DT-WT | TM-4WT | SV4RSM | — | 4DWT | — | 949064U |
| | Storm Collar | | 46DVA-SC | 4DT-SC | TM-SC | SV4AC | — | 4DSC | — | 94960608 |
| | Decorative Plate | | 46DVA-DC | 4DT-CS | TM-4TR | SV4PF | — | 4DFPB | — | 94940612 |
| | Cathedral Ceiling Support | | 46DVA-CS | 4DT-CCS | — | — | — | 4DRSB | — | 949506KT |
| | Ceiling Firestop / Floor Support | | 46DVA-FS | 4DT-FS | TM-CS | SV4BF | — | 4DFSP | — | 94980612 |
| | | | | | | SV4SD | | | | |
| | Attic Radiation Shield / Firestop | | — | — | TM-4AS | — | — | 4DAIS12 (12") | — | 94930620A |
| | | | | | | | | 4DAIS36 (36") | | |
| | Wall Strap | | 46DVA-WS | 4DTWS | TM-WS | — | — | 4DWS | — | 949164 |
| | Vinyl Siding Standoff | | 46DVA-VSS | 4DT-VS | TM-VSS | SV4VS | — | 4DHVS | — | 94800615S |
| | Elbow Strap / Offset Support | | 46DVA-ES | 4DT-OS | TM-OS | — | — | — | — | 949264 |
| | Terminal Guard | | 46DVA-WG | — | — | — | — | — | 845TG | 940164SHRD |

**Notes:**
**1.** Follow instructions supplied with each manufacturer's components.
**2.** Unless otherwise specified, all the parts and assemblies from the above table are to be used with 4" x 6-5/8" pipes.
**3. Do not mix components from different vent manufacturers.**
**4.** Termination caps manufactured by RLH Industries or American Metal Products are from Homestyle Chimney Collection and can be ordered in one of the following finishes: a) aluminium; b) black powder coated; c) solid copper.
**5.** Miles Industries Valor Co-linear adapter 1156CLA cannot be used with models 1200 and 1600. Use only with models 1100, 1150, 1500 and 1700.
**6.** Only Miles Industries Valor Co-linear adapter 1156CLA can be used with models 1700.

# Warranty

**If you have a problem with this unit, please contact your dealer or supplier immediately. Under no circumstances should you attempt to service the unit in any way by yourself. The warranties in paragraphs 1 and 2 are provided only to the first purchaser/user of this unit, are not transferable and are subject to the conditions and limitations in paragraphs 3, 4 and 5. Please review the conditions and limitations carefully and strictly follow their requirements.**

## 1. Extended Warranty Coverage

For a period of up to ten (10) years, Miles Industries Ltd., (the "Company") or its appointed distributor will at its option pay the initial purchaser for the repair of, or will exchange the following parts or components which are found to be defective in material or workmanship under normal conditions of use and service:

| Part or Component | Defect Covered | Maximum Warranty Period |
|---|---|---|
| Exterior steel casing | Corrosion | 10 years |
| Glass | Loss of structural integrity | 10 years |
| Cast iron parts | Corrosion | 10 years |
| Firebox and heat exchanger | Corrosion (but not discoloration) causing loss of structural integrity | 10 years |

## 2. Two-Year Parts Warranty

In addition, for two (2) years from the date of purchase, the Company, at its option, can repair or exchange all parts and components not listed above but that are found to have a *bona fide* defect in material or workmanship under normal conditions of use.

## 3. Conditions and Limitations

a) The warranty registration card must be completed by the initial owner and returned to the Company within 90 days of purchase.
b) Installation and maintenance must be performed by an authorized and trained dealer in accordance with the Company's installation instructions.
c) This warranty is void where installation of the unit does not conform to all applicable codes including national and local gas appliance installation codes and building and fire codes.
d) The owner must comply with all operating instructions.
e) The Company is not responsible for the labor costs to remove defective parts or re-install repaired or replacement parts.
f) The first purchaser or user of the unit will be responsible for any shipping charges for replacement parts as well as travel time incurred by the dealer to perform the warranty work.
g) This warranty applies to non-commercial use and service and is void if it is apparent that there is abuse, misuse, alteration, improper installation, accident or lack of maintenance to the unit.
h) This warranty does not cover damage to the unit through:
    i) Improper installation, operational or environmental conditions.
    ii) Inadequate ventilation in the area or competition for air from other household equipment or appliances.
    iii) Damage due to chemicals, dampness, condensation, or sulphur in the fuel supply lines which exceeds industry standards.
i) This warranty does not cover glass, log breakage or damage to the unit while in transit.
j) The Company does not allow anyone to extend, alter or modify this warranty and assumes no responsibility for direct, indirect or consequential damages caused by the unit. State or provincial laws where the first purchaser or user resides may provide specific rights to extend this warranty and, if so, the Company's sole obligation under this warranty is to provide labor and/or materials in accordance with those laws.

## 4. Discharge of Liability

After two (2) years from the date of purchase, the Company may, at its option, fully discharge all obligations under this warranty by paying to the first purchaser/user the wholesale price of any defective parts.

## 5. No Other Warranty

All obligations to repair this unit are defined in this warranty. Some states or provinces may specifically mandate additional warranties on the part of manufacturers, but in the absence of such specific legislation, there is no other warranty or obligation expressed or implied.

# Spare Parts

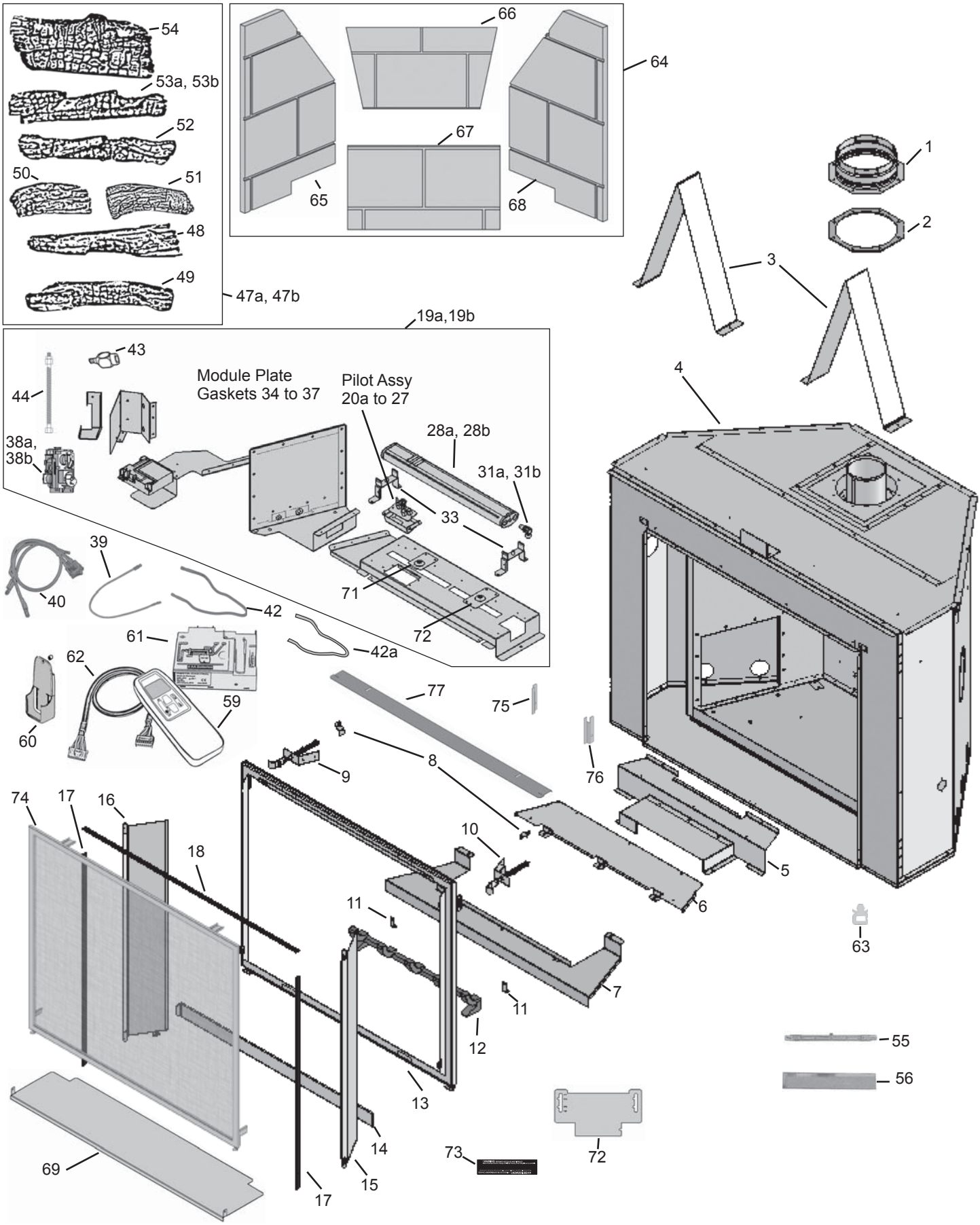
| Code | Description | Part Number |
|---|---|---|
| 1 | Intake Collar | 4000925 |
| 2 | Intake Collar Gasket | 4000942 |
| 3 | Top Standoff (2) | 4001373 |
| 4 | Firebox | |
| 5 | Air Inlet Duct Assembly | 4001246 |
| 6 | Rear Log Support | 4001280BY |
| 7 | Front Brick Support | 4001265BY |
| 8 | Side Brick Anchor (2) | 4001283 |
| 9 | LH Explosion Relief Assembly | 4001286 |
| 10 | RH Explosion Relief Assembly | 4001287 |
| 11 | Grate Mounting Clips (2) | 4001402 |
| 12 | Cast Iron Grate Assembly | 4005212AH |
| 13 | Window Frame Assembly | 4001221 |
| 14 | Window Skirt | 4001445AZ |
| 15 | RH Side Panel | 4001243AZ |
| 16 | LH Side Panel | 4001242AZ |
| 17 | 1/2" Side Trim (2) | 4001360AZ |
| 18 | 1/2" Top Trim | 4001359AZ |
| 19a | Burner Module Assembly NG | 4001228S |
| 19b | Burner Module Assembly LPG | 4001229S |
| 20a | Pilot Assembly NG | 4000727 |
| 20b | Pilot Assembly LPG | 4000728 |
| 21 | Pilot Bracket | 4000729 |
| 22 | Thermocouple | 4000061 |
| 23a | Pilot Injector #51 NG | 4000735 |
| 23b | Pilot Injector #30 LPG | 4000736 |
| 24 | Pilot Tube | 4000732 |
| 25 | Pilot Hood 2 Flame | 4000730 |
| 26 | Extended Nut | 4001855 |
| 27 | Electrode | 4001856 |
| 28a | Burner Assembly NG | 4001400 |
| 28b | Burner Assembly LPG | 4001472 |
| 29 | Air Shutter (2)—NG only | 4000657 |
| 30 | Shutter Slider—NG only | 4000759 |
| 31a | Injector Elbow #82 NG | 4001270 |
| 31b | Injector Elbow #360 LPG | 4001494 |
| 32 | Valve to Burner Pipe Assembly | 4001279X |
| 33 | Location Support Assembly (2) | 4001288X |
| 34 | Top Gasket | 4001269 |
| 35 | Bottom Gasket | 4001363 |
| 36 | Sealing Gasket | 4001364 |
| 37 | Side Gasket (2) | 4001268 |

| Code | Description | Part Number |
|---|---|---|
| 38a | GV60 Complete Valve NG | 4003101 |
| 38b | GV60 Complete Valve LPG | 4003114 |
| 39 | Cable Interruptor | 4001035 |
| 40 | Switch with Cable | 4001036 |
| 42 | Ignition Cable | 4001039 |
| 42a | Ignition Cable Sleeve | 4002244 |
| 43 | Thermocurrent Interruptor | 4001037 |
| 44 | Pipe S/S Flex | 4000345 |
| 46 | Magnet dia. 16 x 4.5mm | 420K551 |
| 47a | Log Set NG | 4001223 |
| 47b | Log Set LPG | 4001541 |
| 48 | Top Left Log | 4001366 |
| 49 | Top Right Log | 4001365 |
| 50 | Middle Right Log | 4001368 |
| 51 | Middle Left Log | 4001367 |
| 52 | Front Log | 4001369 |
| 53a | Middle Log NG | 4001370 |
| 53b | Middle Log LPG | 4001534 |
| 54 | Rear Log | 4001371 |
| 55 | Quartz Lamp 100 Watts | 4001446 |
| 56 | Light Cover | 4001353 |
| 59 | Handset G6R H3T5-ZV (BJ) | 4001910 |
| 60 | Handset Wall Holder | 9000008 |
| 61 | Receiver G6R-R3AM-ZV (CP) | 4001911 |
| 62 | Wiring Harness | 4001187 |
| 63 | Cable Clip | 4000012 |
| 64 | Ceramic Liner Sets | |
| a | *Victorian Red Brick* | 1245VRL |
| b | *Frontera Stone* | 1250FSL |
| c | *Inca Slab* | 1255IBL |
| d | *Black Slab* | 1260BSL |
| 65 | LH Panel | |
| a | *Victorian Red Brick* | 4001224 |
| b | *Frontera Stone* | 4001327 |
| c | *Inca Slab* | 4001328 |
| d | *Black Slab* | 4001478 |
| 66 | Top Panel | |
| a | *Victorian Red Brick* | 4001227 |
| b | *Frontera Stone* | 4001323 |
| c | *Inca Slab* | 4001324 |
| d | *Black Slab* | 4001481 |

# Spare Parts

| Code | Description | Part Number |
|---|---|---|
| 67 | Rear Panel | |
| a | *Victorian Red Brick* | 4001226 |
| b | *Frontera Stone* | 4001321 |
| c | *Inca Slab* | 4001322 |
| d | *Black Slab* | 4001480 |
| 68 | RH Panel | |
| a | *Victorian Red Brick* | 4001225 |
| b | *Frontera Stone* | 4001325 |
| c | *Inca Slab* | 4001326 |
| d | *Black Slab* | 4001479 |
| 69 | Overlay (to cover front bottom FP) | 4001500AZ |
| 70 | LH Burner Support | 4001511 |
| 71 | RH Burner Support | 4001512 |
| 72 | Restrictor | 4001222 |
| 73 | Hot Glass Warning Plate | 4003093 |
| 74 | Barrier Screen | 4003365 |
| 75 | LH Bracket for screen | 4003655AZ |
| 76 | RH Bracket for screen | 4003654AZ |
| 77 | Convection baffle | 4004473AZ |
| | Micore insulation pad (not shown) | 4001489 |

# Spare Parts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53a, 53b
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47a, 47b
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19a,19b
43
44
Module Plate
Gaskets 34 to 37
Pilot Assy
20a to 27
28a, 28b
38a,
38b
31a, 31b
33
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42a
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## Thank You ...

For purchasing a Valor by Miles Industries. Your new radiant gas heater is a technical appliance that must be installed by a qualified installer.

***Please fill in the information below. The information provided will be used for customer records only.***

| **Fireplace Information** |
|---|
| Model Number: 1200 ☐ EAN or ☐ EAP |
| Serial Number: |
| Date Purchase (yyyy-mm-dd): |
| Dealer: |
| **Customer Information** |
| **First Name:** |
| **Last Name:** |
| **Contact Information** |
| **Email:** |
| **Mailing Address** |
| **Address:** |
| **City:** |
| **Province/State:** |
| **Postal/Zip Code:** |
| **Country:** |

Cut out page, fill information, and mail to Miles Industries Ltd.

**Online Warranty registration at www.valorfireplaces.com**

Tape Shut

Fold here

Valor
THE ORIGINAL
RADIANT GAS FIREPLACE™

Postage
needed

Miles Industries Ltd.
190 - 2255 Dollarton Highway
North Vancouver, BC V7H 3B1
Canada

**Online Warranty registration at www.valorfireplaces.com**

Were you given all documentation and manuals for your product? YES NO

*Thank you for choosing a Valor Product*